

UAE – U.S.
HISTORICAL TRADE RELATIONSHIPS

PENNSYLVANIA REPORT

2018 UPDATE



EMBASSY OF THE
UNITED ARAB EMIRATES
WASHINGTON, DC

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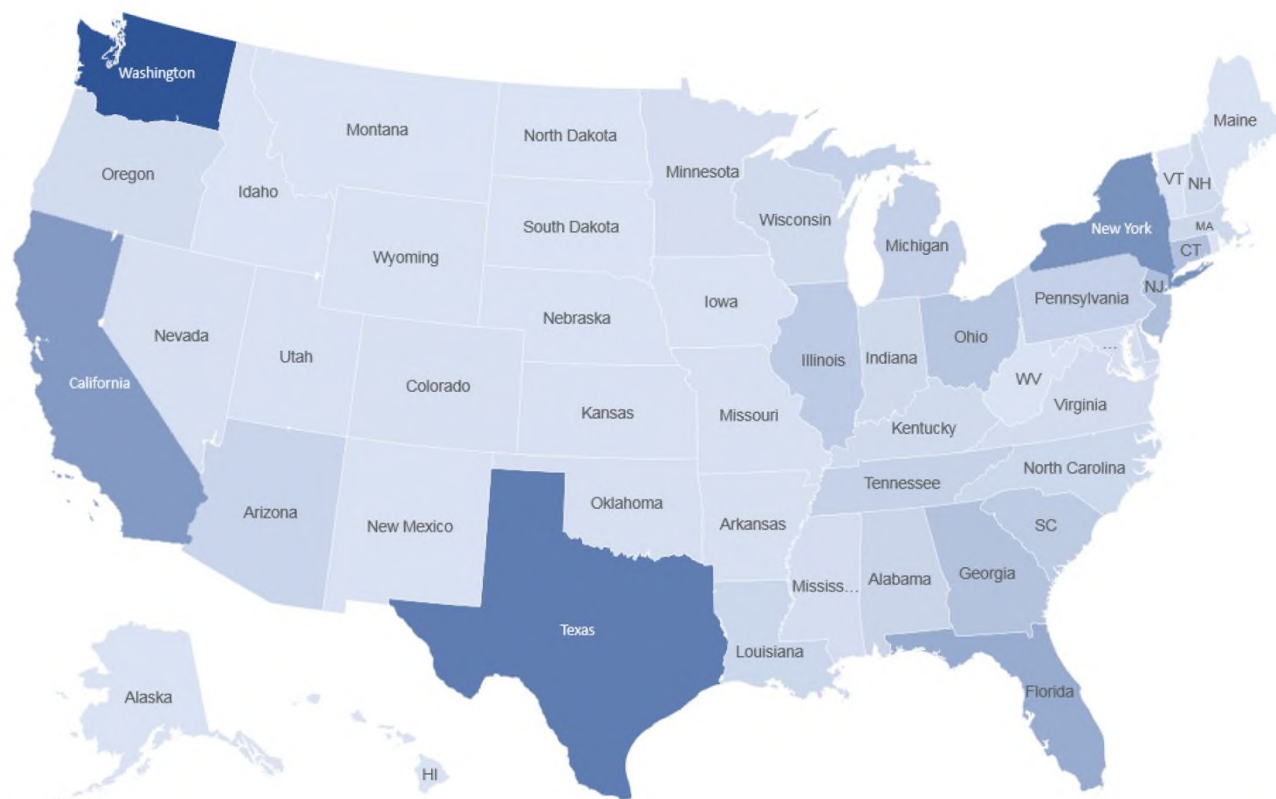
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Pennsylvania Exports to the UAE

I

U.S. State Exports to the UAE for the Years 2015-2018

2015-2018 Exports to the UAE
\$0.00B \$13.55B



A

14th

Largest Exporting State

B

\$1.7B

Four-Year Total Exports

C

Fabricated Metal Product

Top Exporting Sector

D

Fabricated Metal Product

Sector with Largest Increase in Exports Since 2017

E

\$475.0M

Trade Surplus in 2018

F

5,388

Jobs Supported by Exports

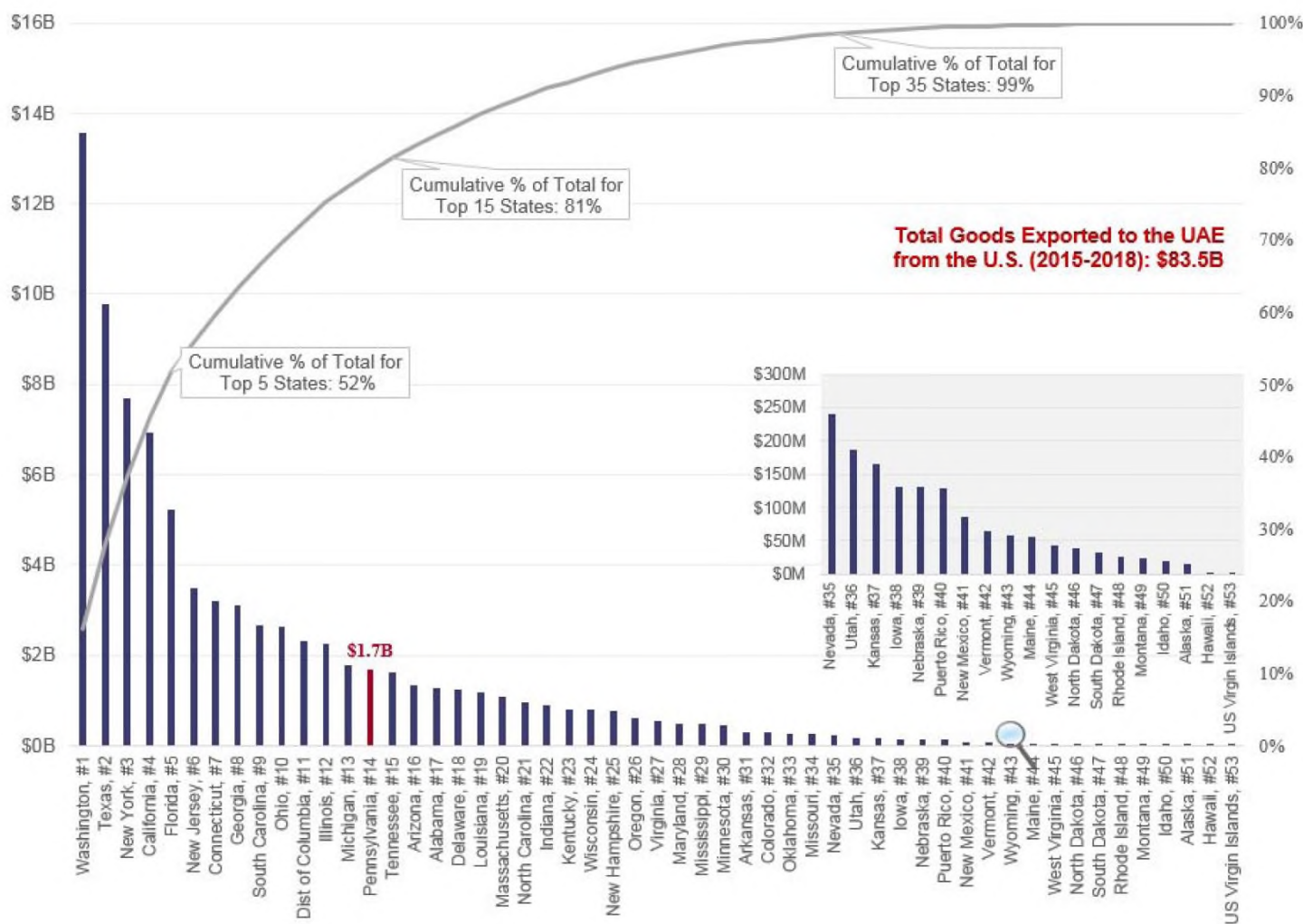
Pennsylvania Exports to the UAE

I

A

Pennsylvania ranked 14th among U.S. states and territories with \$1.7B in goods exported to the UAE between 2015 and 2018

Exhibit I.1 | U.S. State Rankings of Exports to the UAE (\$ in Billions)



Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

4

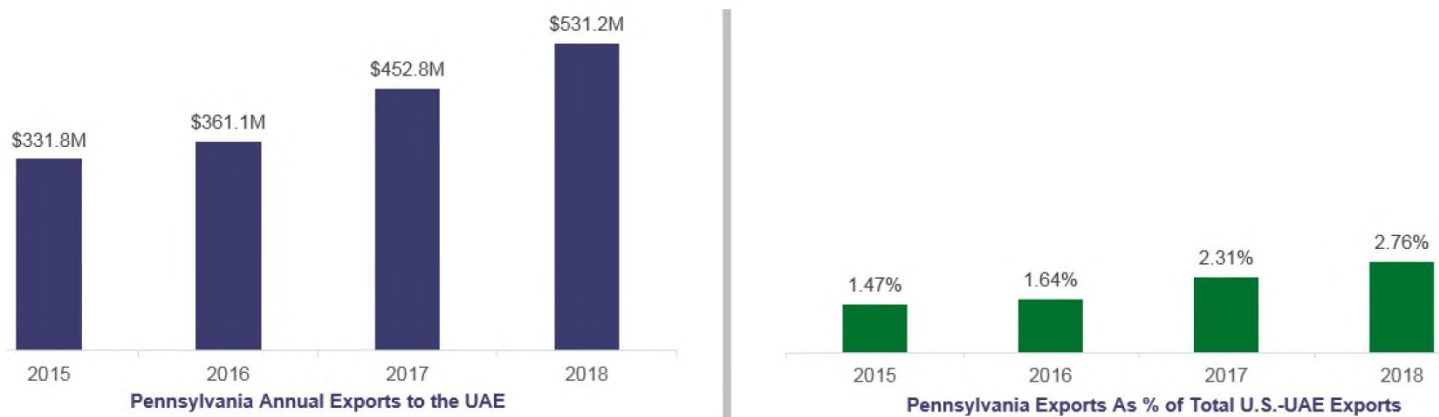
Pennsylvania Exports to the UAE

I








B

Total value of 2018 goods exported is highest in last four years

Exhibit I.2 | Pennsylvania Export Values and Percent of Total by Year



\$ in millions

Rank	State	2015	2016	2017	2018	Trend Line	2015-2018
	All U.S. States	\$22,596.4	\$22,030.6	\$19,631.8	\$19,214.3		\$83,473.1
14	Pennsylvania	1.5% \$331.8	1.6% \$361.1	2.3% \$452.8	2.8% \$531.2		2.0% \$1,676.8
1	Washington	14.2% \$3,211.2	18.9% \$4,157.6	20.9% \$4,104.7	10.8% \$2,081.1		16.2% \$13,554.6
5	Florida	6.8% \$1,534.4	6.8% \$1,487.5	6.3% \$1,244.7	4.9% \$949.4		6.2% \$5,216.0
10	Ohio	2.2% \$499.8	3.8% \$830.2	3.1% \$608.6	3.6% \$686.5		3.1% \$2,625.1
20	Massachusetts	0.7% \$150.0	0.7% \$161.8	1.5% \$285.1	2.6% \$493.1		1.3% \$1,090.0
30	Minnesota	0.5% \$113.2	0.4% \$94.1	0.6% \$108.9	0.7% \$136.5		0.5% \$452.7

Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

5



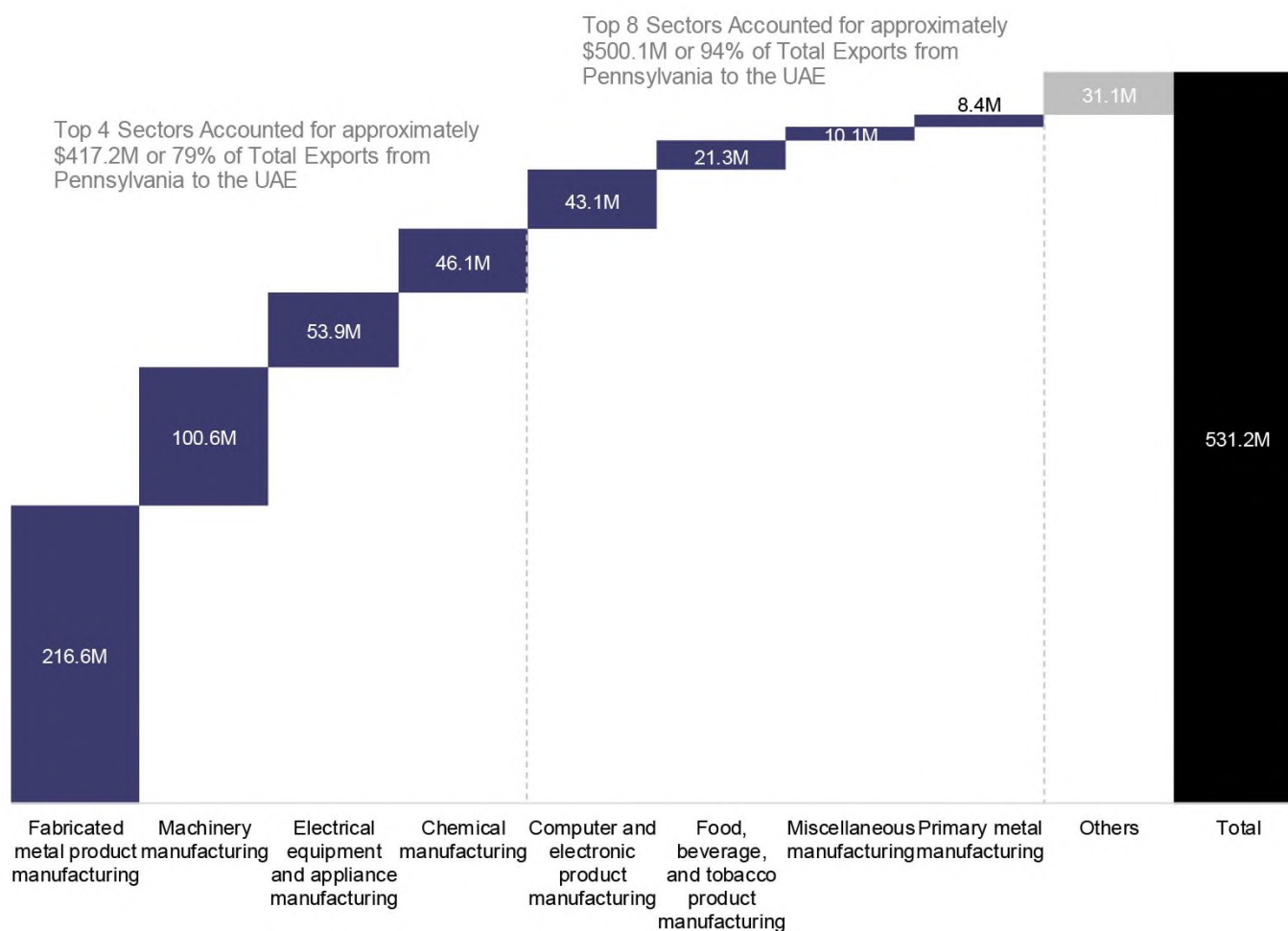
Pennsylvania Exports to the UAE

I



In 2018 *Fabricated Metal Product* and *Machinery Manufacturing* were the largest exporting sectors

Exhibit I.3 | Pennsylvania's Exporting Sectors in 2018

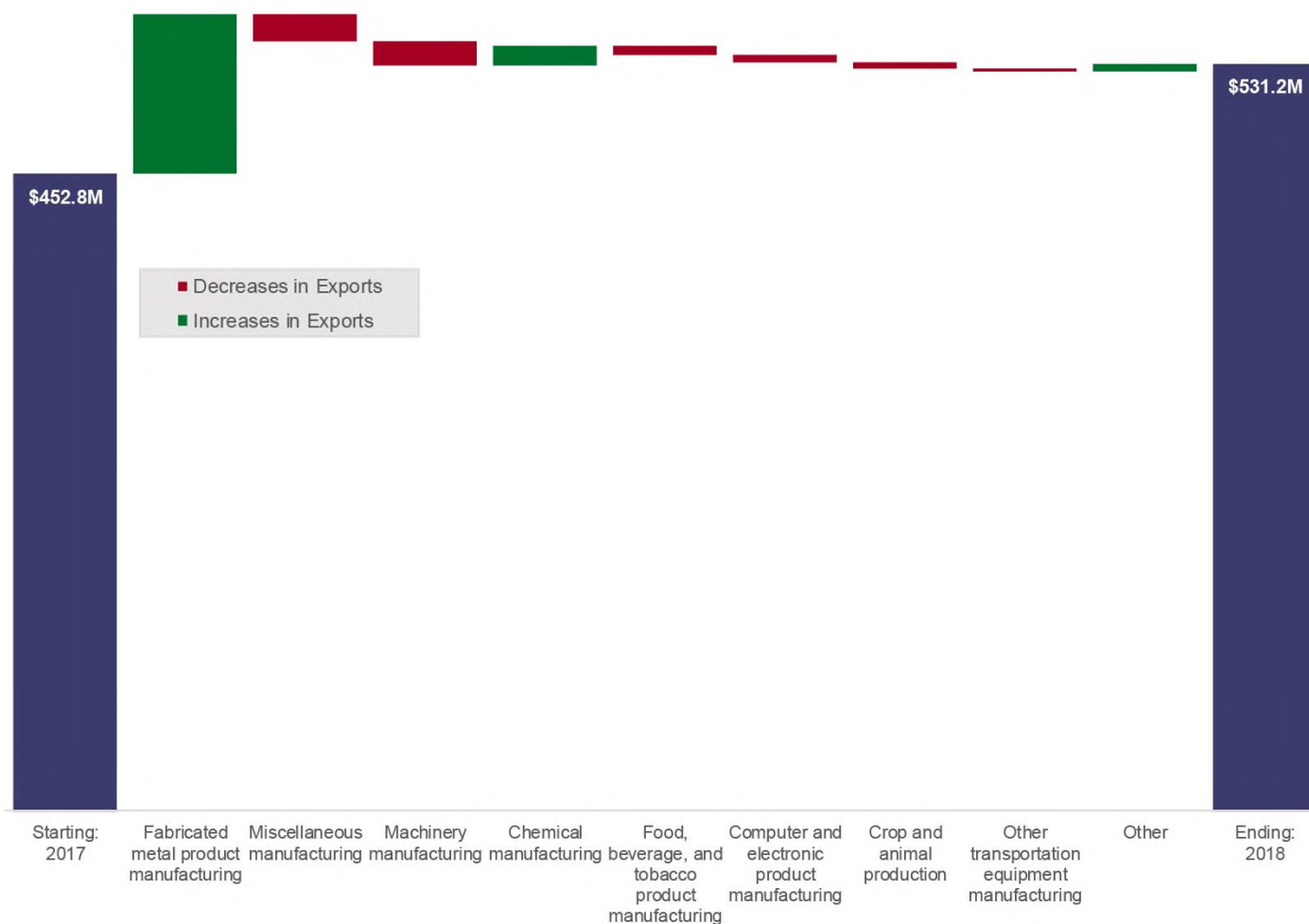


Pennsylvania Exports to the UAE

I

D From 2017 to 2018 *Fabricated Metal Product* sector had the largest increase in exports. *Misc. Manufacturing* sector had the largest decrease

Exhibit I.4 | Pennsylvania's Exporting Sector Movements From 2017 to 2018



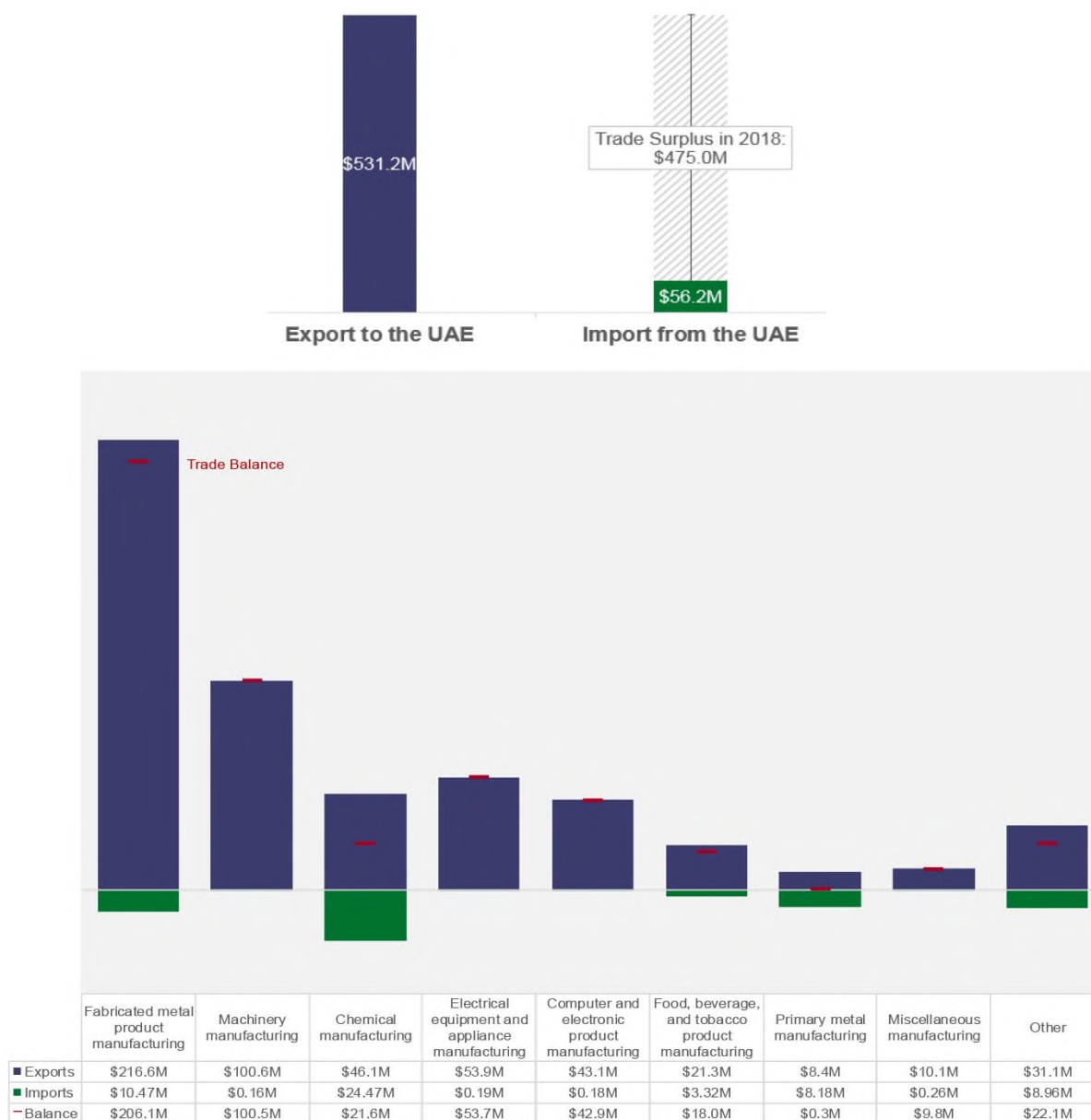
Pennsylvania Exports to the UAE

I

E

Pennsylvania had a \$475.0M trade surplus with the UAE in 2018

Exhibit I.5 | Pennsylvania's Trade Surplus with the UAE by Sector



Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

8

Pennsylvania 2018 Employment Driven by Export to the UAE

II

Positive U.S. Employment Driven by Exports to the UAE in 2018

Jobs Created 0 27,035

158,658

Jobs Created



F **5,388** Jobs out of 158,658 Total Jobs Created in the U.S. by the UAE

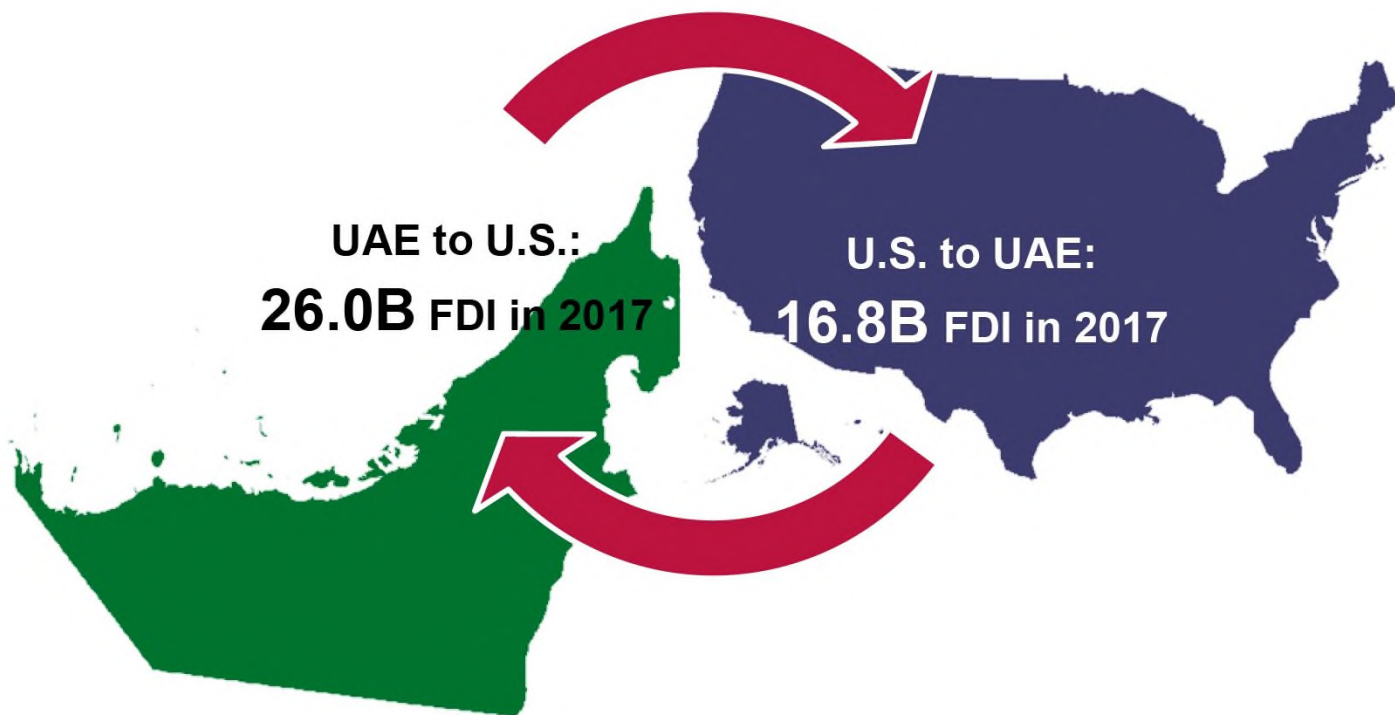
Employment Driven by Pennsylvania's Exports of Manufactured Goods to the UAE*	5,388	Other transportation equipment manufacturing	Computer and electronic product manufacturing	Chemical manufacturing	Fabricated metal product manufacturing	Machinery manufacturing
		37	392	322	2,453	993
		Electrical equipment and appliance manufacturing	Food, beverage, and tobacco product manufacturing	Miscellaneous manufacturing		
		500	224	113		

* The sectors shown are the top ten U.S. manufacturing sectors exporting to the UAE in 2018.

Source: US Census Bureau USA Trade Online & US DoC BEA Regional Input-Output Multipliers State Data

9

Foreign Direct Investment



A **\$26B**

2017 UAE total
FDI in U.S.

B **Financial
Services
Sector**

Benefited from
UAE's investments
in Pennsylvania
since 2003

C **Various
Sectors**

Benefited from
Pennsylvania's
greenfield
investments in the
UAE in 2018

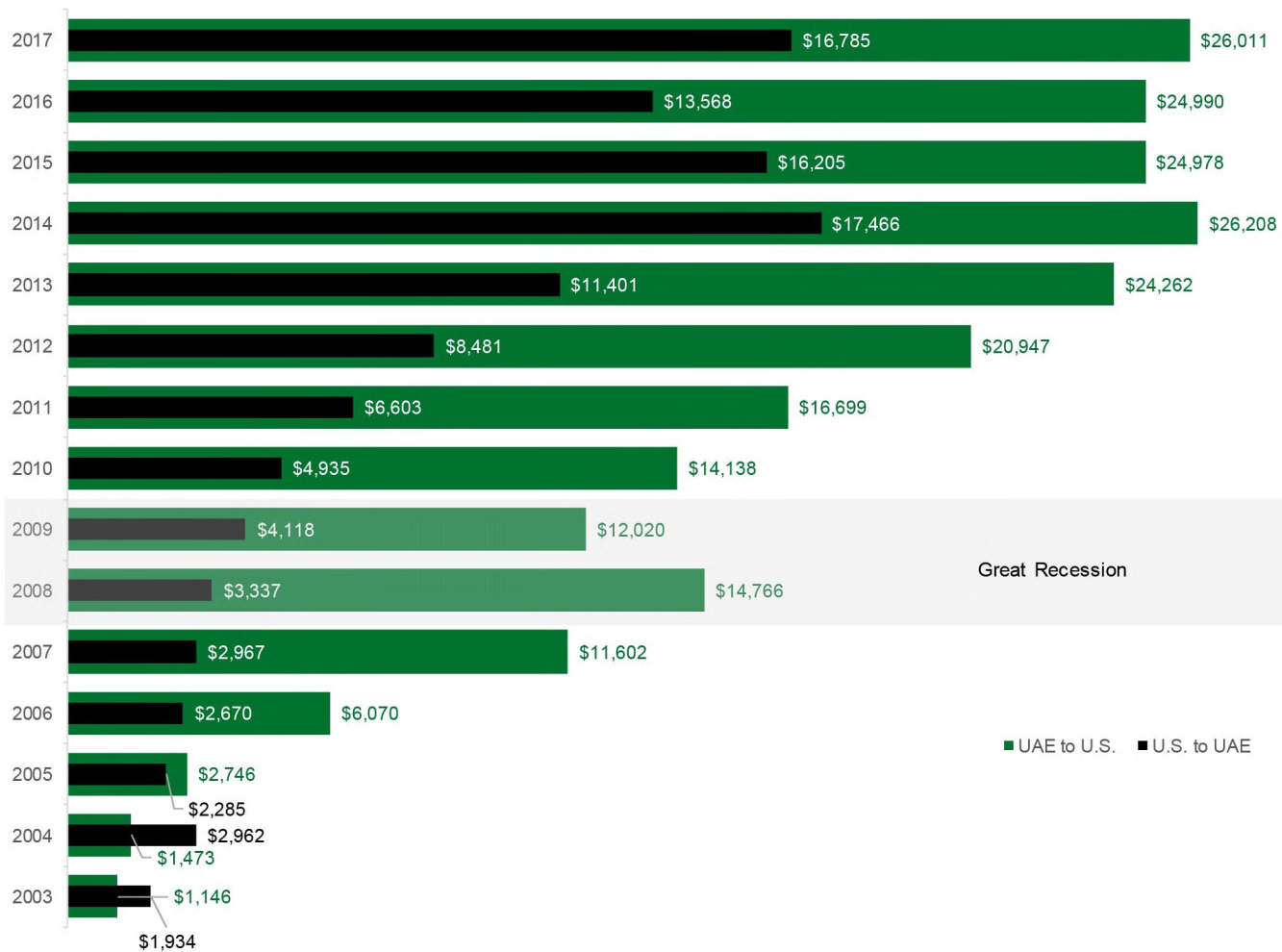
Bilateral FDI between the U.S. and UAE



A

UAE made \$26B total investment in U.S. in 2017. Investments over the past four years remained level.

Exhibit IV.1 | Total UAE Investments by Year



UAE FDI in Pennsylvania



Since 2003 UAE expanded existing investments and made greenfield investments in Pennsylvania in the *Financial Services* sector

Exhibit IV.2 | Certain UAE Investors in U.S. by Sector Since 2003

2014

Financial services

UAE Exchange Centre

Pennsylvania 2018 Greenfield and Expanded FDI in the UAE



Greenfield Investments were made in various sectors in 2018.

Exhibit IV.3 | Certain Pennsylvania Investors in UAE by Sector in 2018

Sector	Pennsylvania Investing Entities to the UAE
Creative Industries	CNBC
ICT & Electronics	Innovative Systems



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APPENDICES



Appendix A

IV

Pennsylvania's Top Exporting Commodities to the UAE in 2018

This exhibit only displays commodities with annual export amounts exceeding \$5M

Sector	Top Commodity	Export Value
Fabricated metal product manufacturing	3329 Other Fabricated Metal Products	171.8M
	3324 Boilers, Tanks & Shipping Containers	36.4M
	3325 Hardware	
	3327 Bolts/nuts/screws/rivets/washers & Other Turned Prods	
	3322 Cutlery & Handtools	
Machinery manufacturing	3339 Other General Purpose Machinery	88.1M
	3331 Ag & Construction & Machinery	
	3333 Commercial & Service Industry Machinery	
	3336 Engines, Turbines & Power Transmn Equip	
	3334 Hvac & Commercial Refrigeration Equipment	
Electrical equipment and appliance manufacturing	3353 Electrical Equipment	30.3M
	3359 Electrical Equipment & Components, Nesoi	21.7M
	3352 Household Appliances And Misc Machines, Nesoi	
Chemical manufacturing	3251 Basic Chemicals	23.5M
	3256 Soaps, Cleaning Compounds & Toilet Preparations	9.9M
	3254 Pharmaceuticals & Medicines	7.4M
	3252 Resin, Syn Rubber, Artf & Syn Fibers/fil	
	3255 Paints, Coatings & Adhesives	
Computer and electronic product manufacturing	3345 Navigational/measuring/medical/control Instrument	19.0M
	3342 Communications Equipment	11.3M
	3341 Computer Equipment	7.8M
	3344 Semiconductors & Other Electronic Components	
Food, beverage, and tobacco product manufacturing	3113 Sugar & Confectionery Products	8.1M
	3119 Foods, Nesoi	6.0M
	3118 Bakery & Tortilla Products	
	3115 Dairy Products	
	3111 Animal Foods	
Miscellaneous manufacturing	3391 Medical Equipment & Supplies	7.1M
	3399 Miscellaneous Manufactured Commodities	
Primary metal manufacturing	3311 Iron & Steel & Ferroalloy	
	3315 Foundries	
Plastics and rubber products manufacturing	3262 Rubber Products	
	3261 Plastics Products	
Other transportation equipment manufacturing	3364 Aerospace Products & Parts	
	3369 Transportation Equipment, Nesoi	

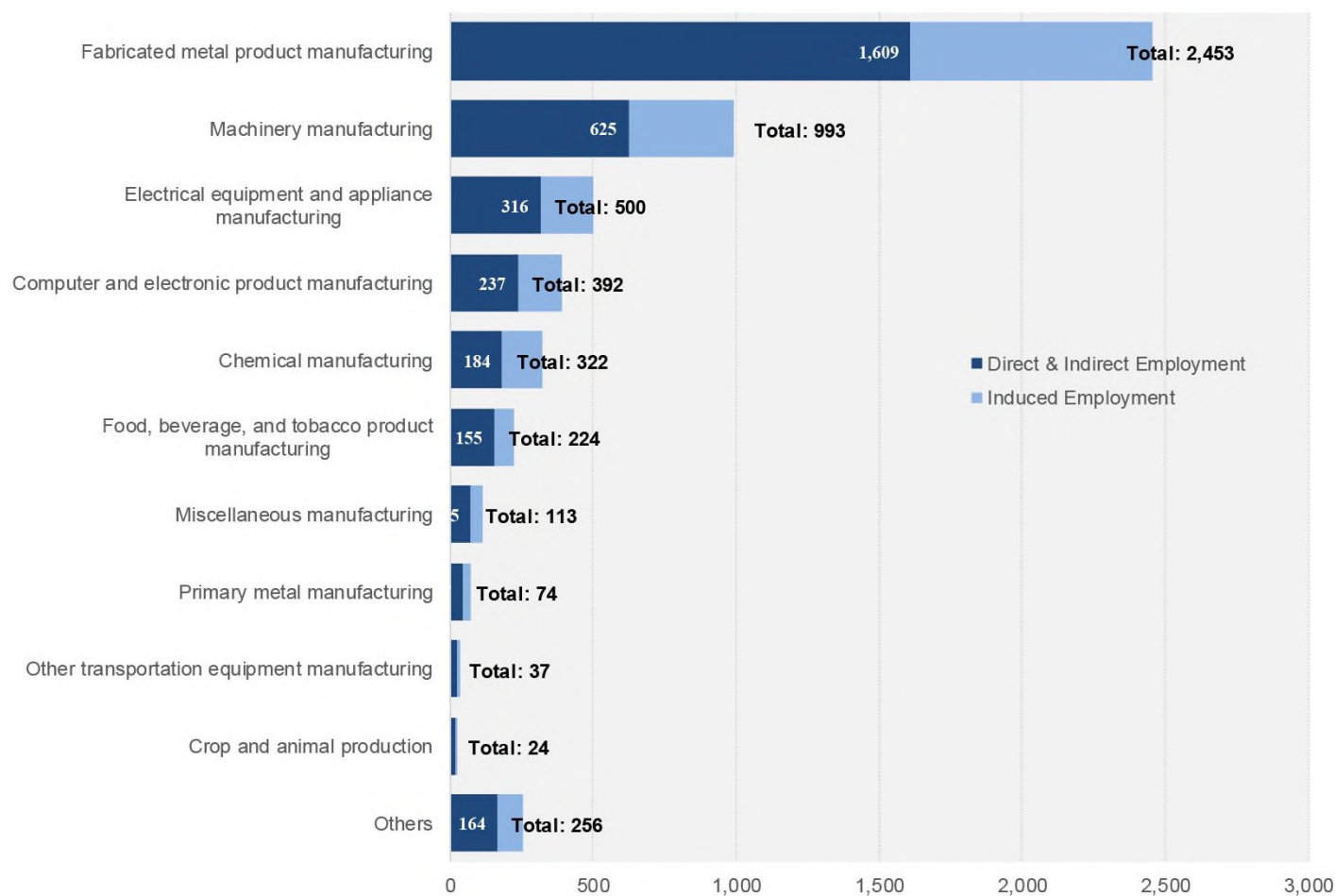
Note: Due to space constraints, some data bars are fitted to the page and not to scale.

Source: US Census Bureau USA Trade Online

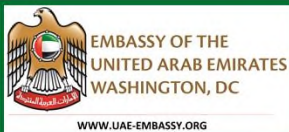
Appendix B

IV

Employment Driven by Top 10 UAE-Exporting Sectors in Pennsylvania in 2018



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UAE – U.S.
HISTORICAL TRADE RELATIONSHIPS

NEW JERSEY REPORT

2018 UPDATE



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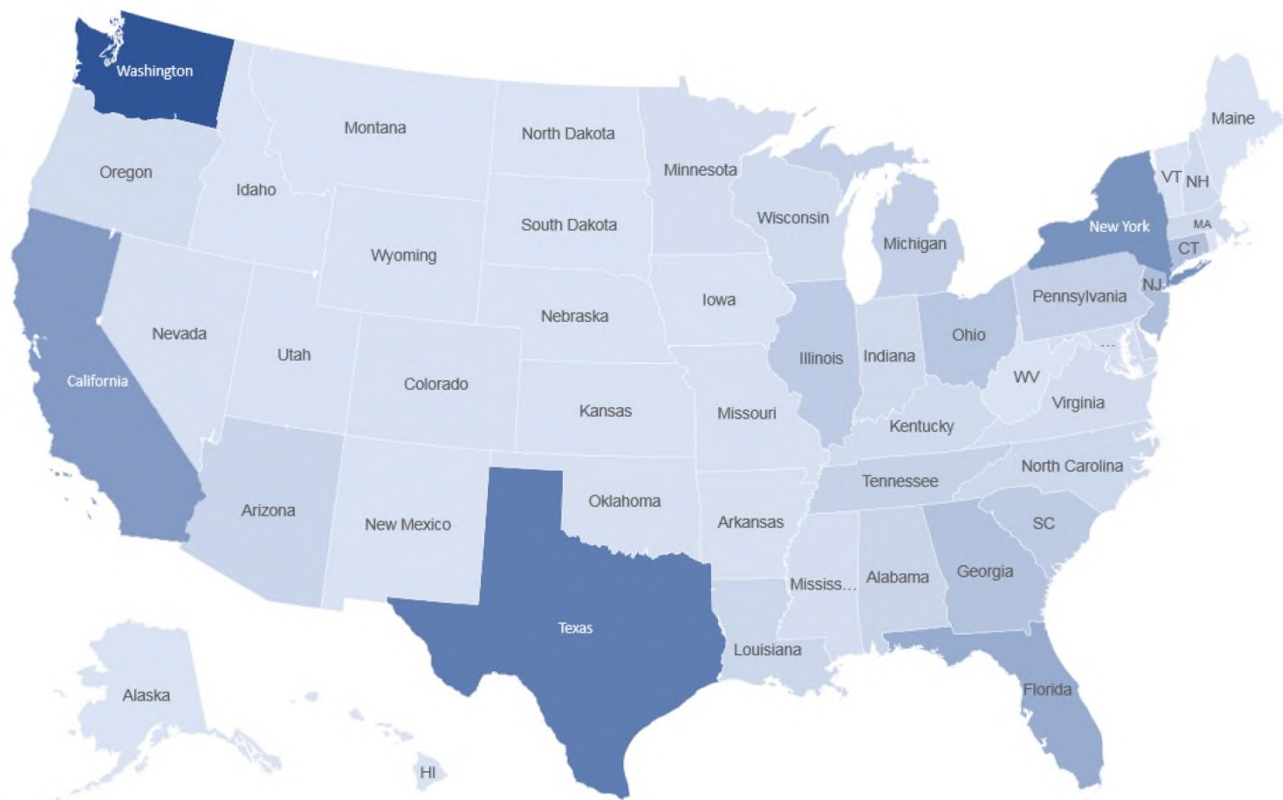
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New Jersey Exports to the UAE

I

U.S. State Exports to the UAE for the Years 2015-2018

2015-2018 Exports to the UAE
\$0.00B \$13.55B



- A 6th**
Largest Exporting State
- B \$3.5B**
Four-Year Total Exports
- C Computer and Electronic Product**
Top Exporting Sectors
- D Scrap, Second-Hand Merchandise**
Sector with Largest Increase in Exports Since 2017
- E \$808.7M**
Trade Surplus in 2018
- F 6,709**
Jobs Supported by Exports

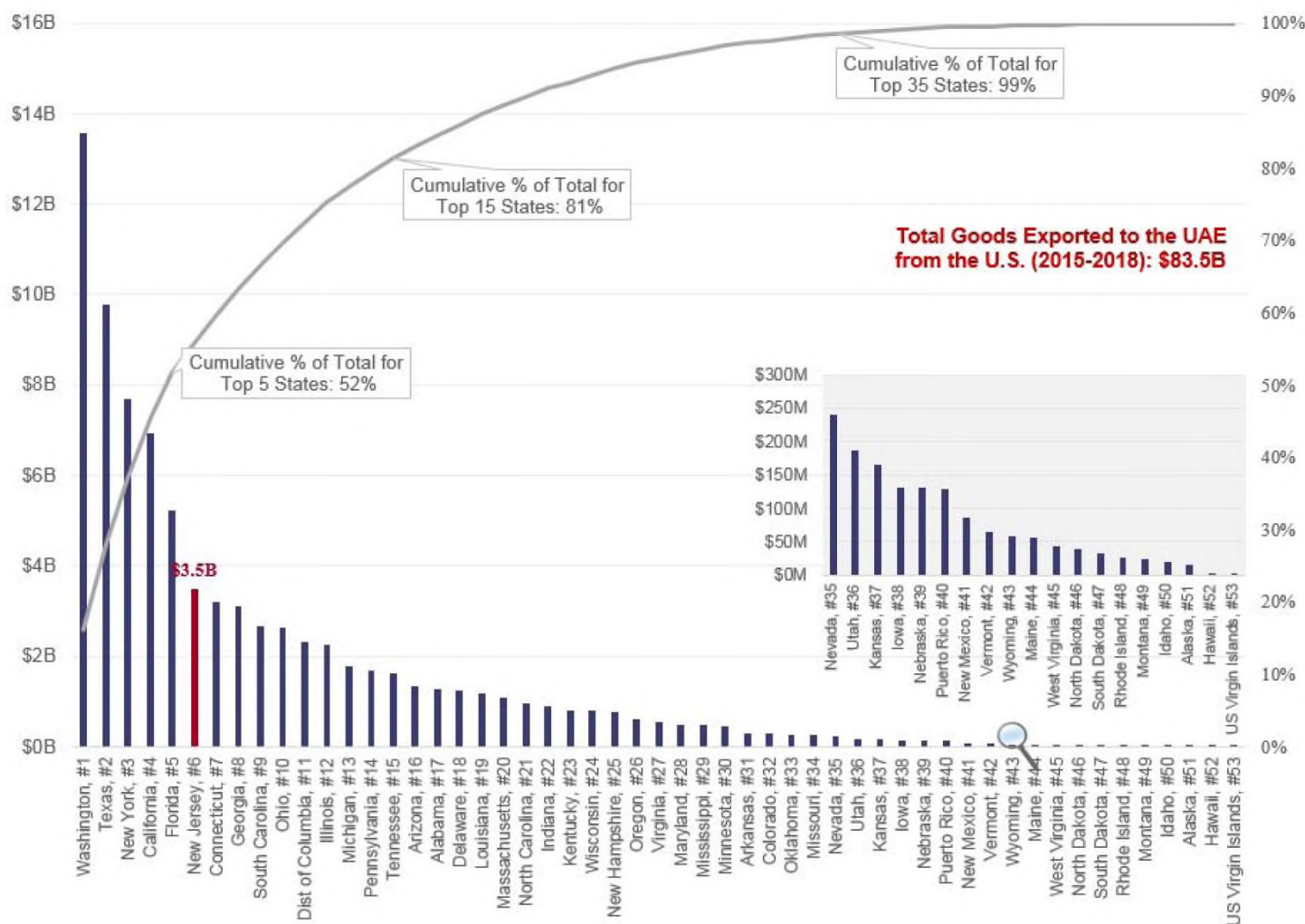
New Jersey Exports to the UAE

I

A

New Jersey ranked 6th among U.S. states and territories with \$3.5B in goods exported to the UAE between 2015 and 2018

Exhibit I.1 | U.S. State Rankings of Exports to the UAE (\$ in Billions)



Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

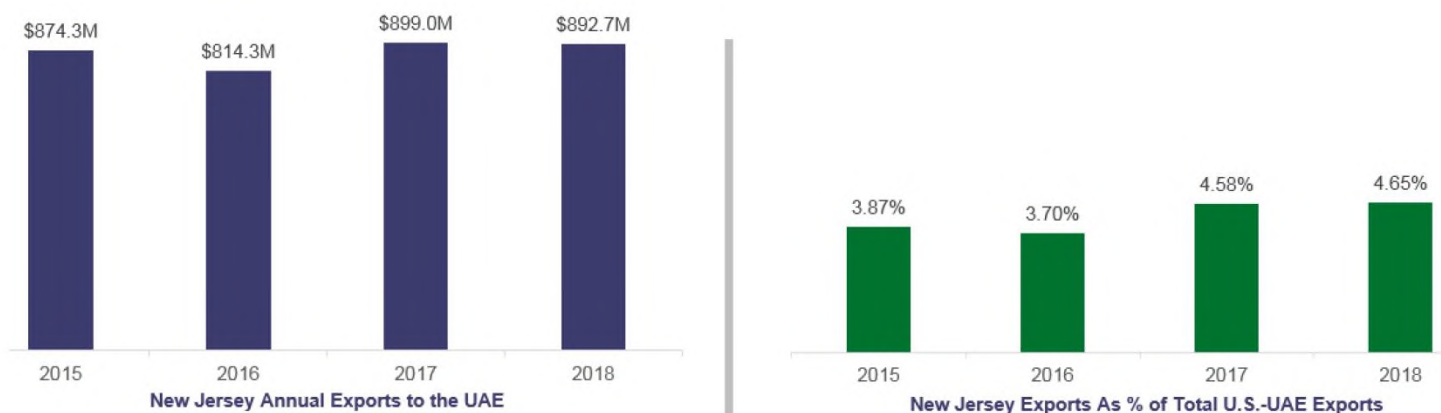
New Jersey Exports to the UAE

I








B

Total value of 2018 goods exported is second highest in last four years and % of total U.S. exports increased compared to prior years

Exhibit I.2 | New Jersey Export Values and Percent of Total by Year



\$ in millions

Rank	State	2015	2016	2017	2018	Trend Line	2015-2018
	All U.S. States	\$22,596.4	\$22,030.6	\$19,631.8	\$19,214.3		\$83,473.1
6	New Jersey	3.9% \$874.3	3.7% \$814.3	4.6% \$899.0	4.6% \$892.7		4.2% \$3,480.2
1	Washington	14.2% \$3,211.2	18.9% \$4,157.6	20.9% \$4,104.7	10.8% \$2,081.1		16.2% \$13,554.6
5	Florida	6.8% \$1,534.4	6.8% \$1,487.5	6.3% \$1,244.7	4.9% \$949.4		6.2% \$5,216.0
10	Ohio	2.2% \$499.8	3.8% \$830.2	3.1% \$608.6	3.6% \$686.5		3.1% \$2,625.1
20	Massachusetts	0.7% \$150.0	0.7% \$161.8	1.5% \$285.1	2.6% \$493.1		1.3% \$1,090.0
30	Minnesota	0.5% \$113.2	0.4% \$94.1	0.6% \$108.9	0.7% \$136.5		0.5% \$452.7

Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

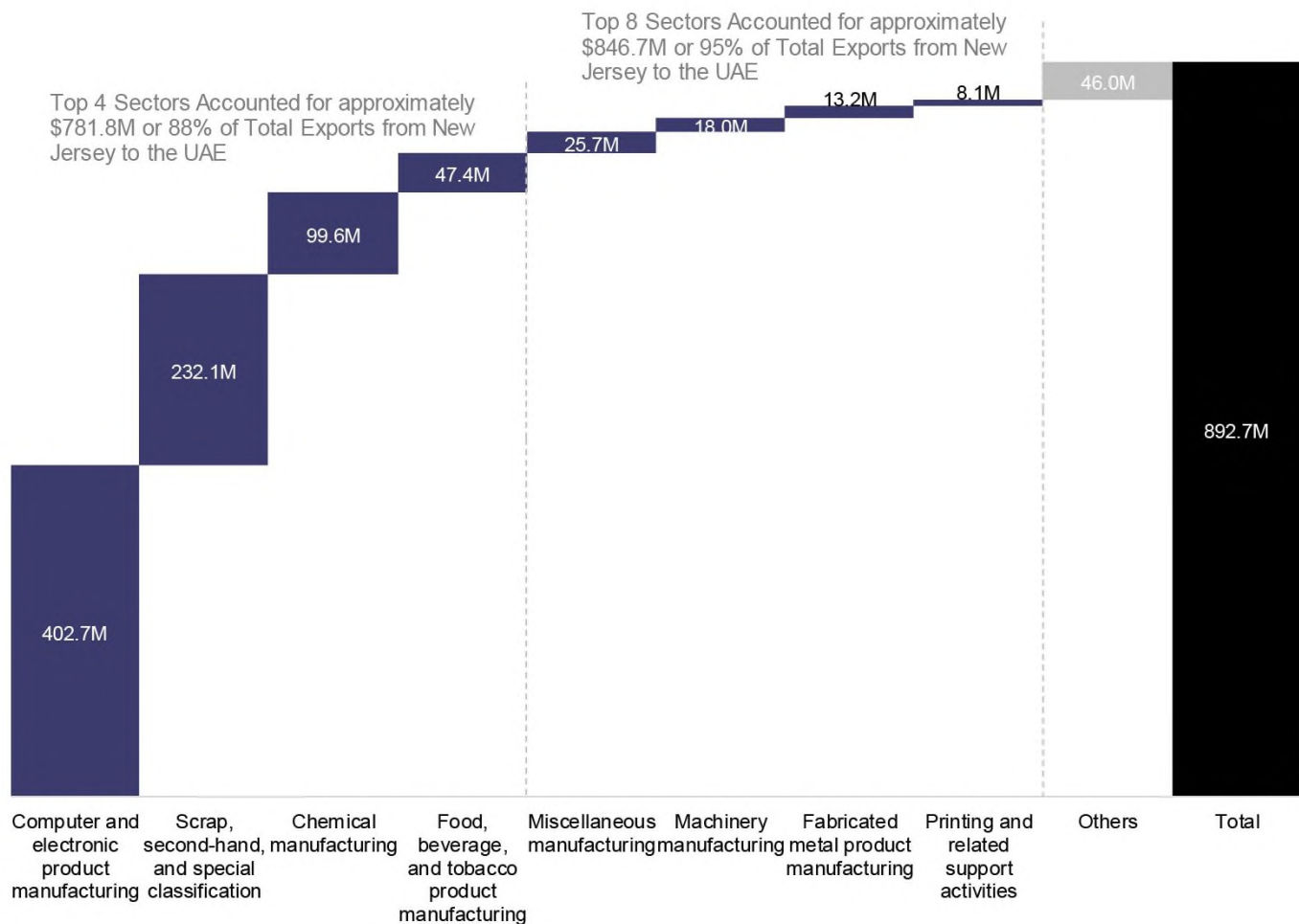
New Jersey Exports to the UAE

I

C

In 2018 *Computer & Electronic Product Manufacturing* and *Scrap, Second-Hand Merchandise* were the largest export sectors

Exhibit I.3 | New Jersey's Exporting Sectors in 2018



Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

6

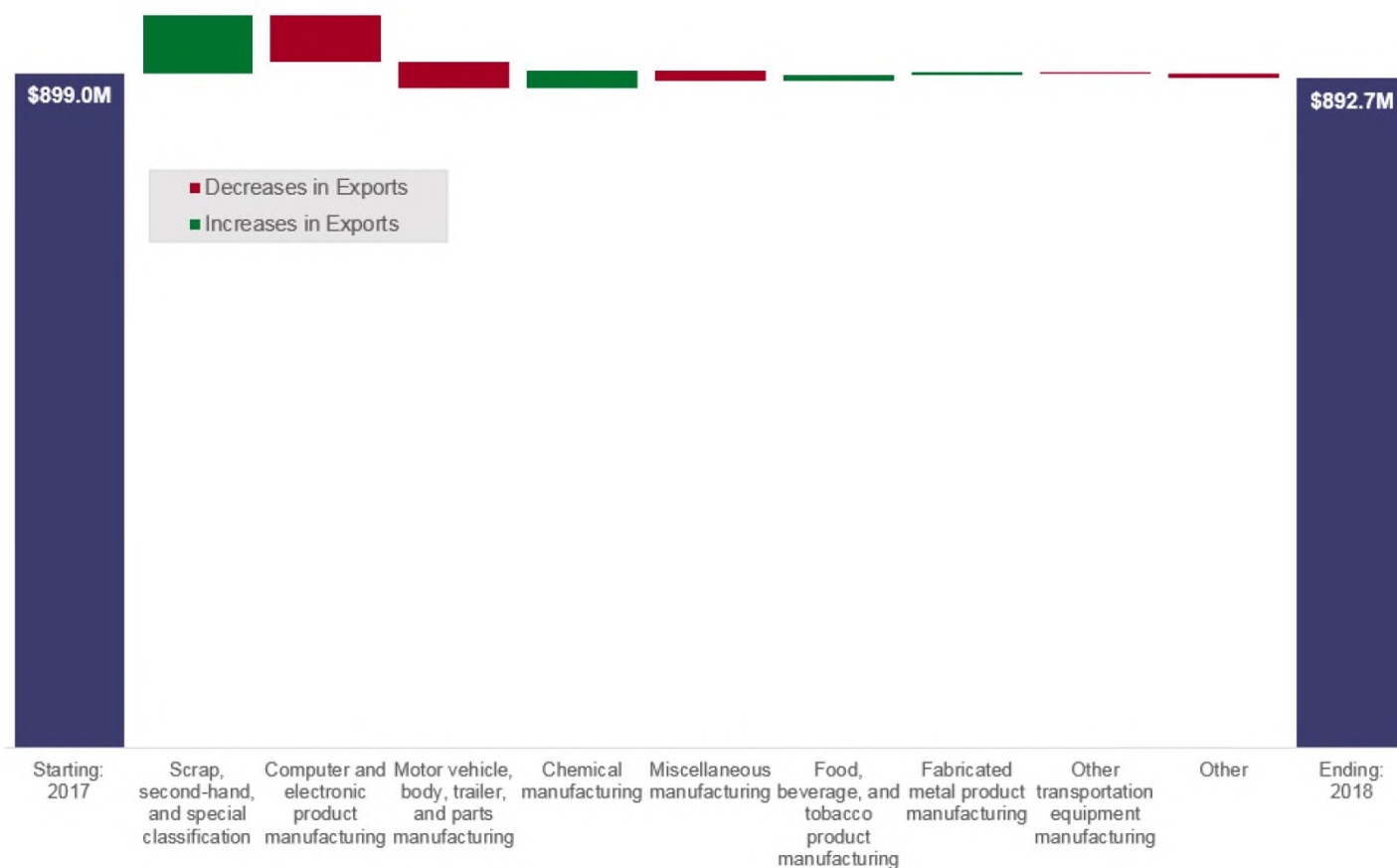
New Jersey Exports to the UAE

I

D

From 2017 to 2018 *Scrap, Second-Hand Merchandise* sector had the largest increase in exports. *Computer and Electronic Product Manufacturing* sector had the largest decrease

Exhibit I.4 | New Jersey's Exporting Sector Movements From 2017 to 2018



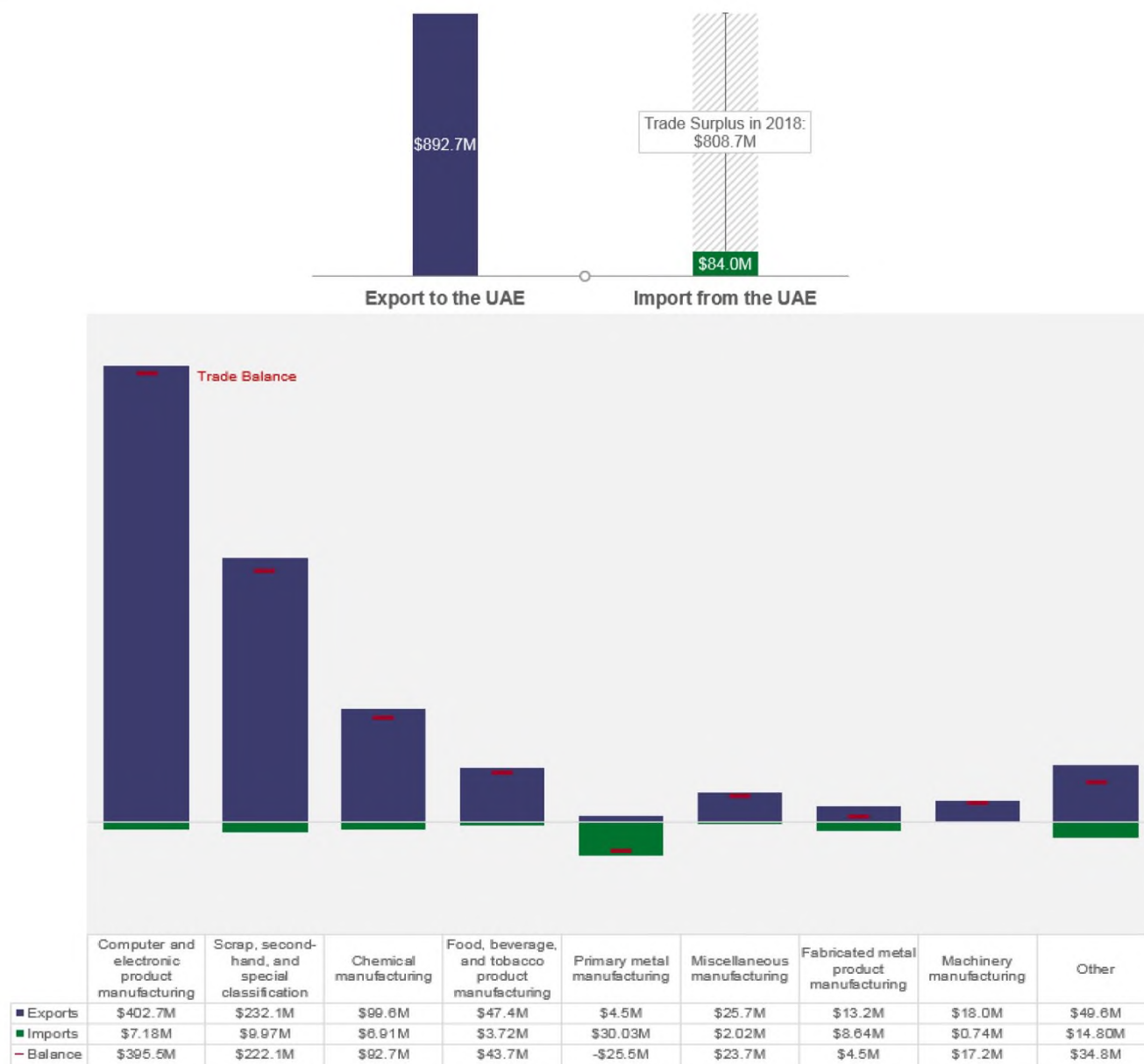
New Jersey Exports to the UAE

I

E

New Jersey had a \$808.7M trade surplus with the UAE in 2018

Exhibit I.5 | New Jersey's Trade Surplus with the UAE by Sector



Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

8

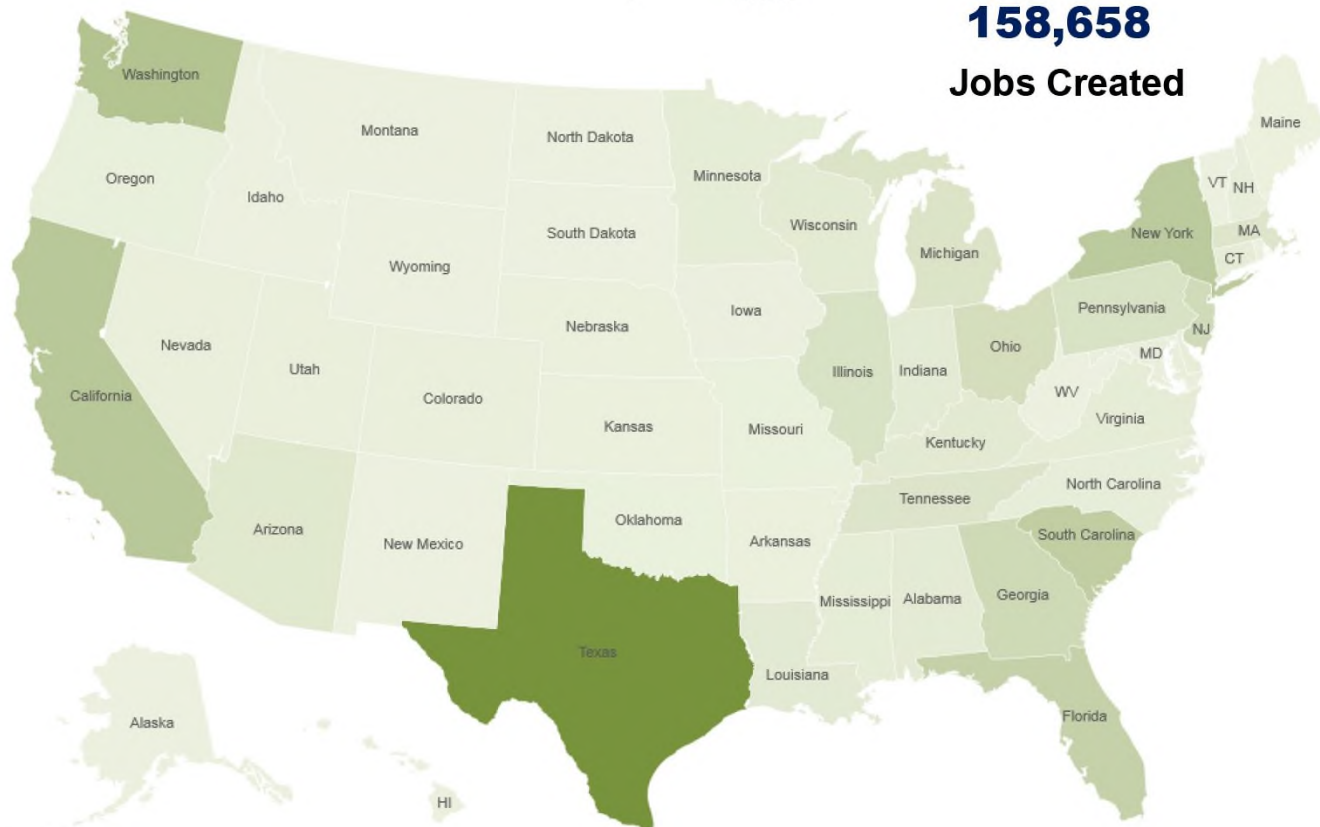
New Jersey 2018 Employment Driven by Export to the UAE

II

Positive U.S. Employment Driven by Exports to the UAE in 2018

Jobs Created 0 27,035

158,658
Jobs Created



F **6,709** Jobs out of 158,658 Total Jobs Created in the U.S. by the UAE

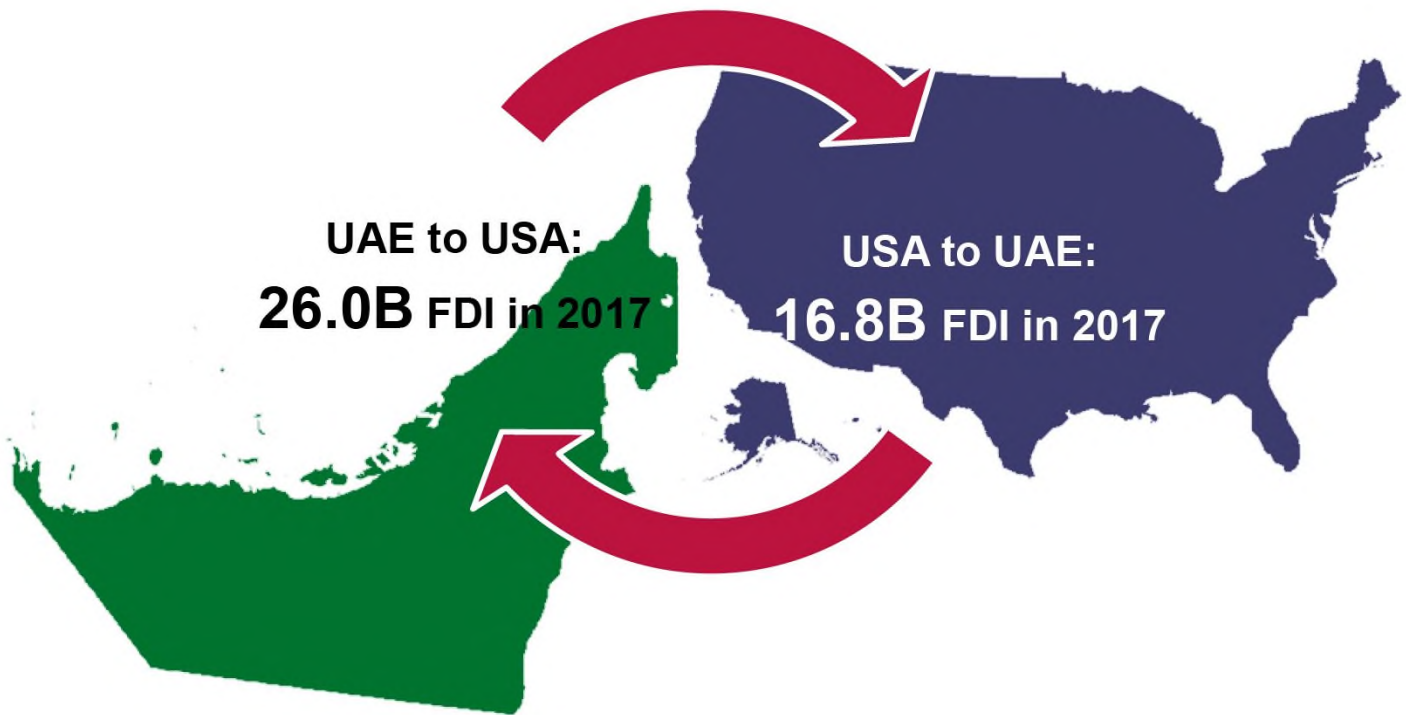
Employment Driven by New Jersey's Exports of Manufactured Goods to the UAE*	6,709	Computer and electronic product manufacturing				Chemical manufacturing	Fabricated metal product manufacturing	Machinery manufacturing
		3,054				645	110	138
		Electrical equipment and appliance manufacturing	Food, beverage, and tobacco product manufacturing	Miscellaneous manufacturing		Motor vehicle, body, trailer, and parts manufacturing		
		54	372	219		52		

* The sectors shown are the top ten U.S. manufacturing sectors exporting to the UAE in 2018.

Source: US Census Bureau USA Trade Online & US DoC BEA Regional Input-Output Multipliers State Data

9

Foreign Direct Investment



A **\$26B**

2017 UAE total
FDI in U.S.

B **Various
Sectors**

Benefited from
UAE's greenfield
investments in
New Jersey since
2003

C **Various
Sectors**

Benefited from New
Jersey's greenfield
investments in the
UAE in 2018

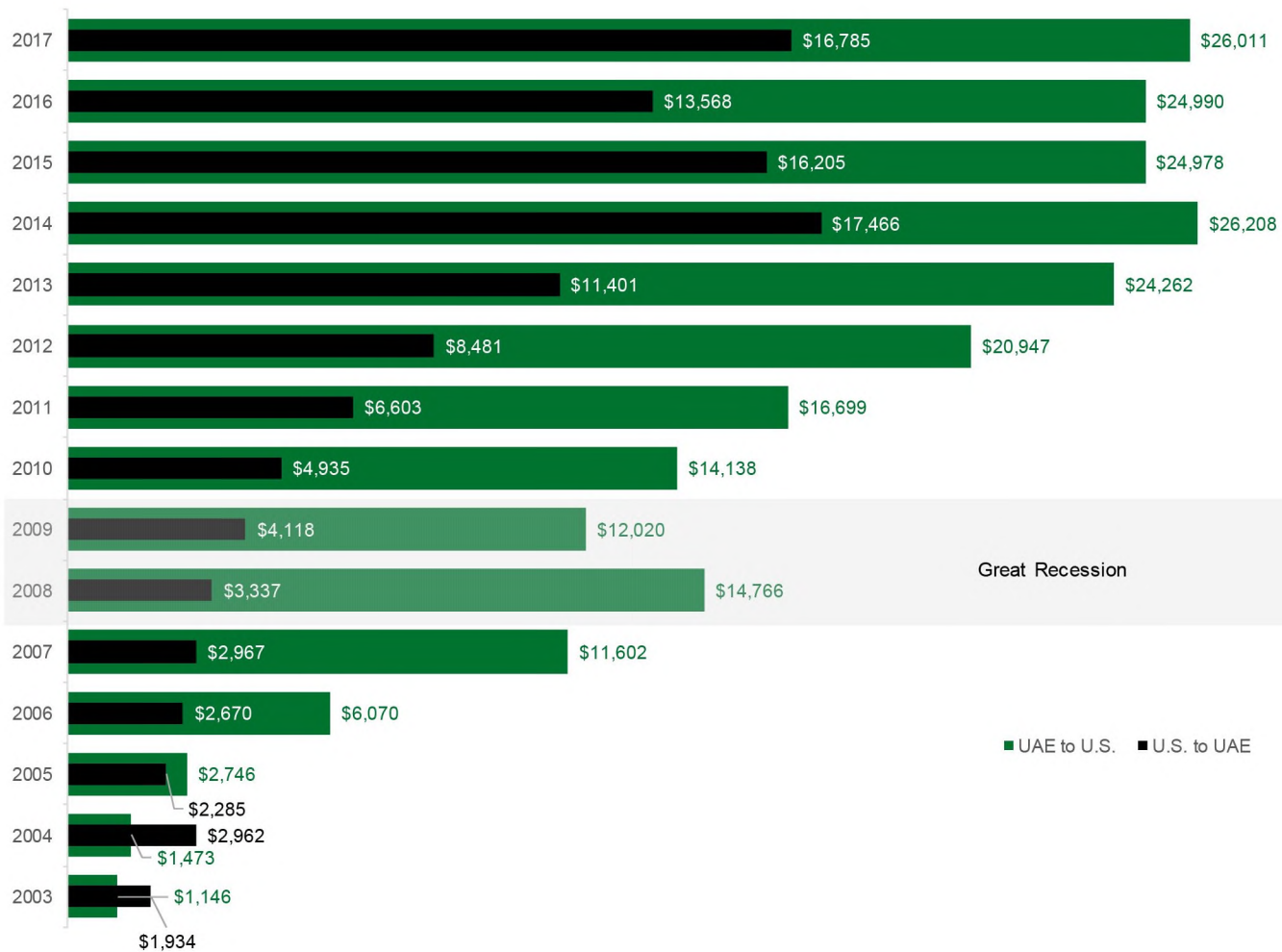
Bilateral FDI between the U.S. and UAE



A

UAE made \$26B total investment in U.S. in 2017. Investments over the past four years remained level.

Exhibit IV.1 | Total UAE Investments by Year



UAE FDI in New Jersey



Since 2003 UAE expanded existing investments and made greenfield investments in New Jersey in a variety of sectors

Exhibit IV.2 | Certain UAE Investors in New Jersey by Sector Since 2003



New Jersey 2018 Greenfield and Expanded FDI in the UAE



C Greenfield Investments were made in various sectors in 2018.

Exhibit IV.3 | Certain New Jersey Investors in UAE by Sector in 2018

Sector	New Jersey Investing Entities to the UAE
Life sciences	Merck & Co
Industrial	Honeywell



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APPENDICES

Appendix A

IV

New Jersey's Top Exporting Commodities to the UAE in 2018

This exhibit only displays commodities with annual export amounts exceeding \$5M

Sector	Top Commodity	Export Value
Computer and electronic product manufacturing	3342 Communications Equipment	237.8M
	3341 Computer Equipment	139.4M
	3346 Magnetic & Optical Media	14.9M
	3345 Navigational/measuring/medical/control Instrument	
	3344 Semiconductors & Other Electronic Components	
Scrap, second-hand, and special classification	9300 Used Or Second-hand Merchandise	228.7M
	9100 Waste And Scrap	
Chemical manufacturing	3256 Soaps, Cleaning Compounds & Toilet Preparations	69.1M
	3251 Basic Chemicals	16.9M
	3254 Pharmaceuticals & Medicines	7.3M
	3259 Other Chemical Products & Preparations	
	3255 Paints, Coatings & Adhesives	
Food, beverage, and tobacco product manufacturing	3112 Grain & Oilseed Milling Products	14.7M
	3119 Foods, Nesoi	14.5M
	3116 Meat Products & Meat Packaging Products	11.6M
	3113 Sugar & Confectionery Products	
	3118 Bakery & Tortilla Products	
Miscellaneous manufacturing	3399 Miscellaneous Manufactured Commodities	24.3M
	3391 Medical Equipment & Supplies	
Machinery manufacturing	3339 Other General Purpose Machinery	6.2M
	3332 Industrial Machinery	
	3333 Commercial & Service Industry Machinery	
	3334 Hvac & Commercial Refrigeration Equipment	
	3336 Engines, Turbines & Power Transmsn Equip	
Fabricated metal product manufacturing	3324 Boilers, Tanks & Shipping Containers	5.5M
	3329 Other Fabricated Metal Products	
	3322 Cutlery & Handtools	
Printing and related support activities	3231 Printed Matter And Related Products, Nesoi	8.1M
Apparel, leather, and allied product manufacturing	3152 Apparel	6.1M
Electrical equipment and appliance manufacturing	3359 Electrical Equipment & Components, Nesoi	
	3353 Electrical Equipment	

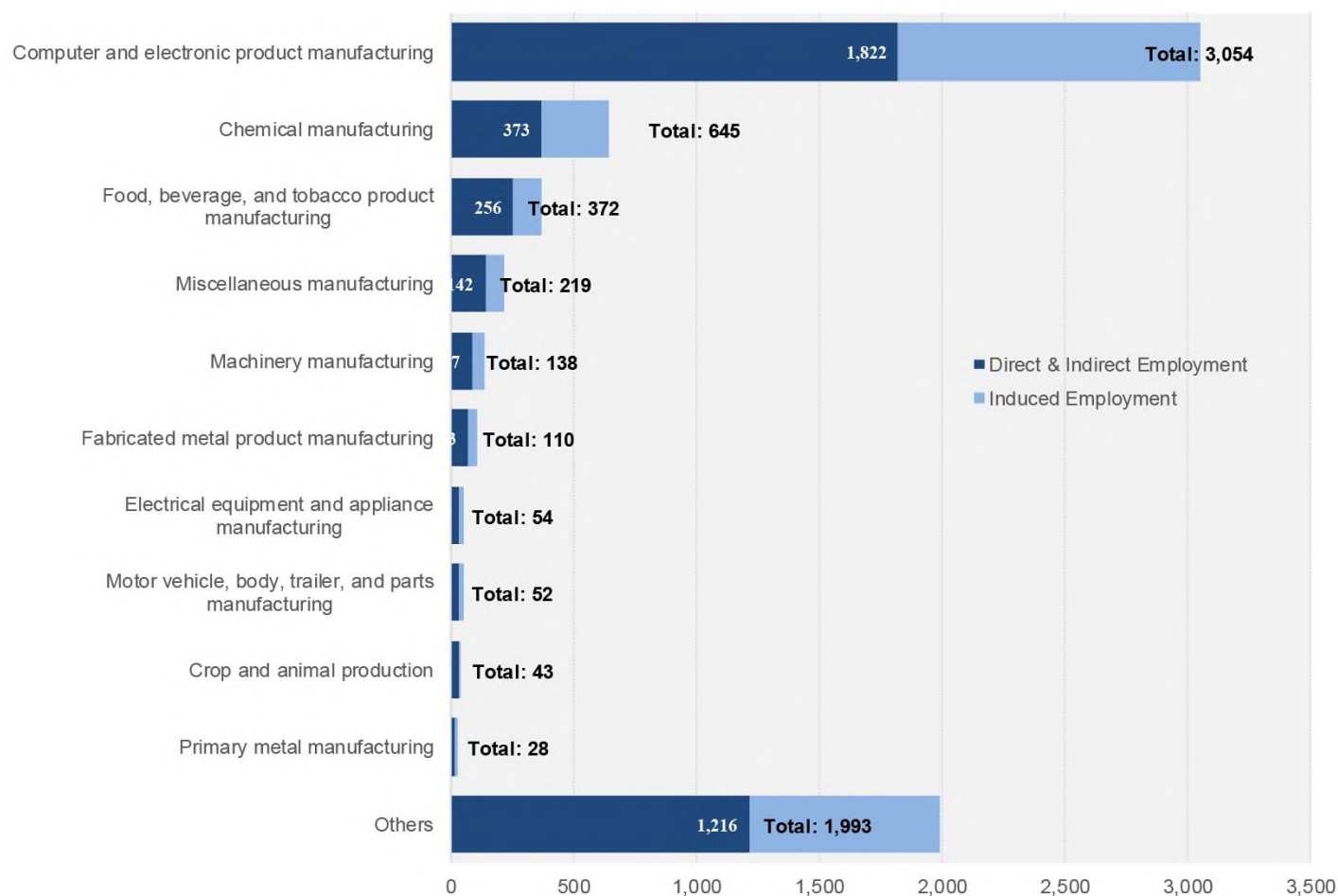
Note: Due to space constraints, some data bars are fitted to the page and not to scale.

Source: US Census Bureau USA Trade Online

Appendix B

IV

Employment Driven by Top 10 UAE-Exporting Sectors in New Jersey in 2018



These materials are being distributed by UAE Strategies on behalf of the Embassy of the United Arab Emirates in Washington DC. Additional information is on file with the US Department of Justice, Washington DC.



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UAE – U.S. HISTORICAL TRADE RELATIONSHIPS CALIFORNIA REPORT 2018 UPDATE



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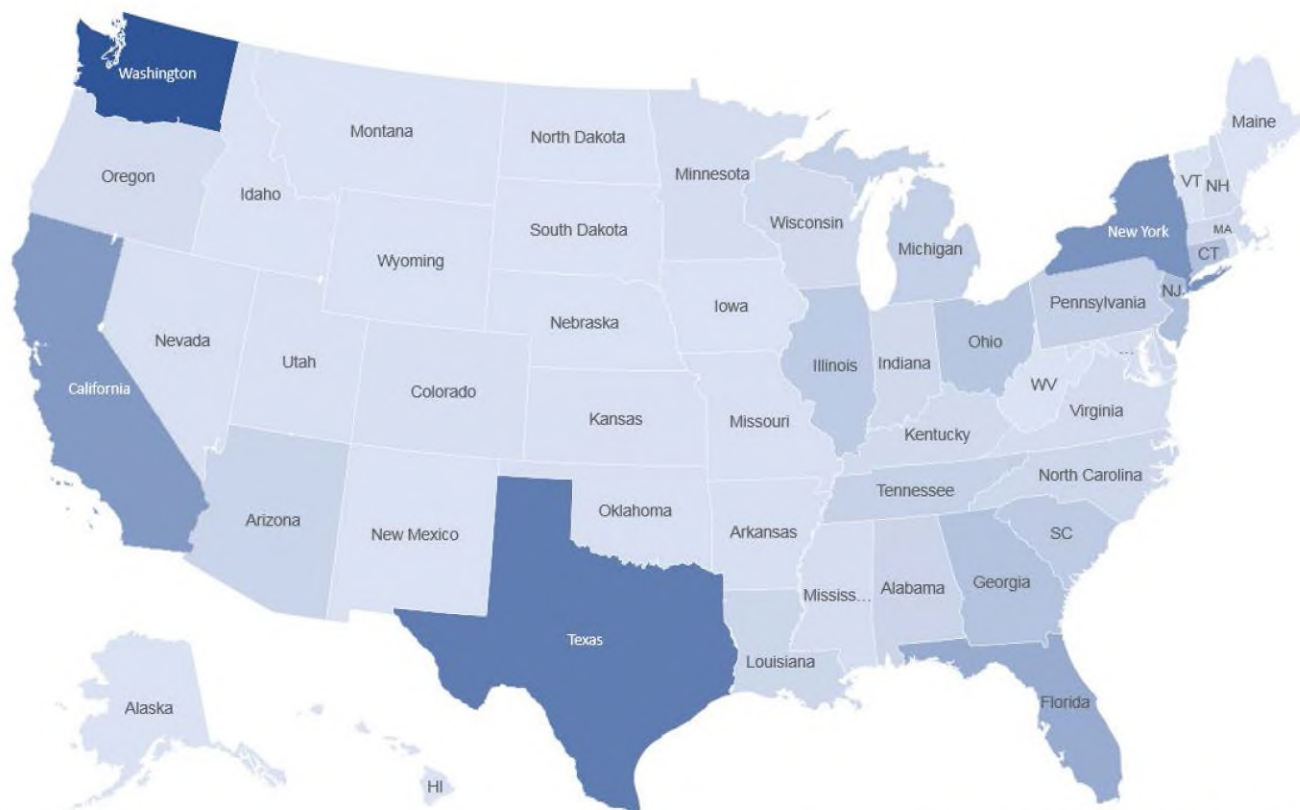
California Exports to the UAE

I

U.S. State Exports to the UAE for the Years 2015-2018

2015-2018 Exports to the UAE

\$0.00B \$13.55B



A

4thLargest Exporting
State

B

\$6.9BFour-Year Total
Exports

C

**Crop and Animal
Production**Top Exporting
Sectors

D

**Scrap, Second-
Hand
Merchandise**Sector with Largest
Increase in Exports
Since 2017

E

\$1.1BTrade Surplus
in 2018

F

5thLargest Port in Bilateral
Trade in 2018

G

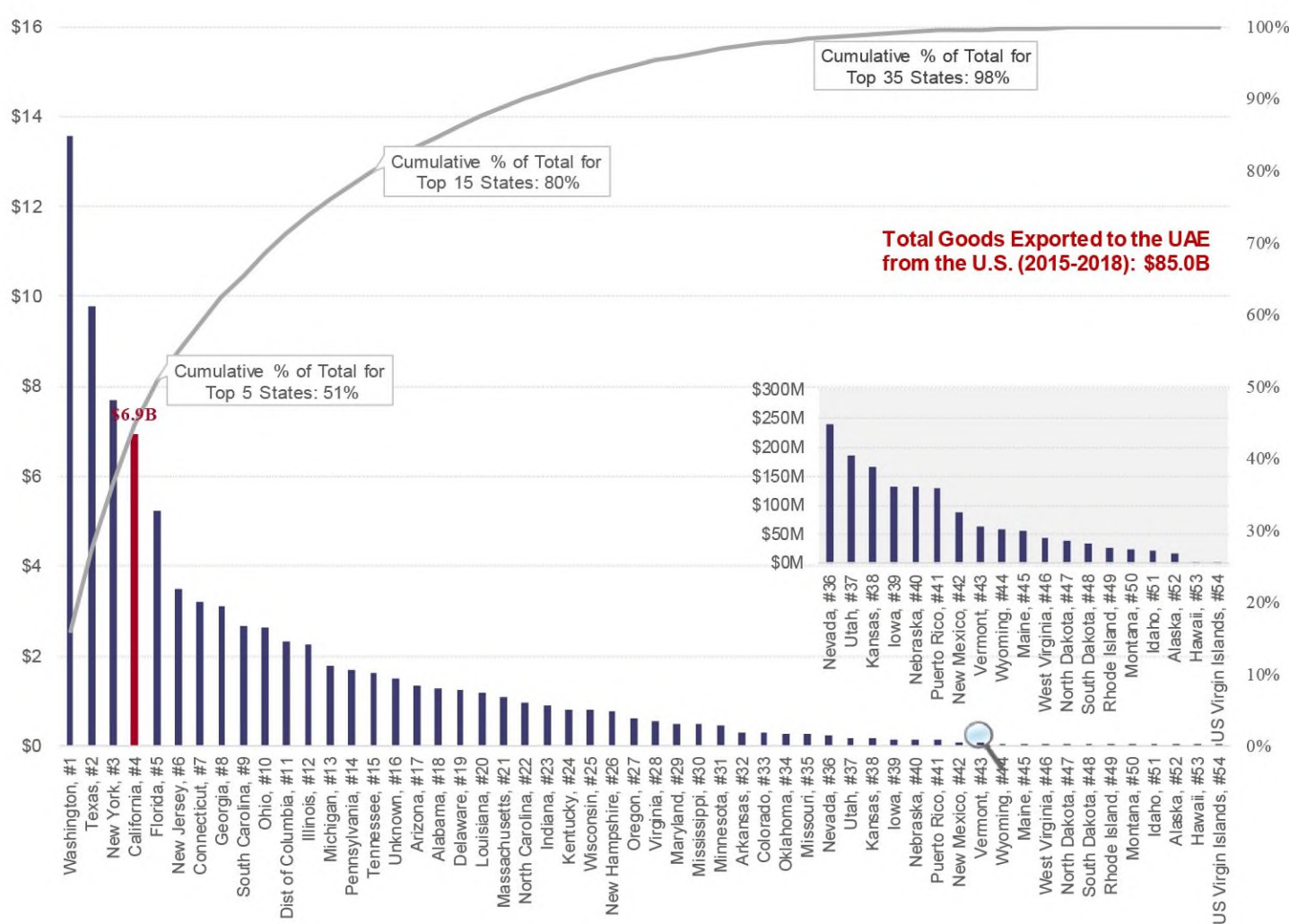
11,684

Jobs Supported by Exports

California Exports to the UAE

A California ranked 4th among U.S. states and territories with \$6.9B in goods exported to the UAE between 2015 and 2018

Exhibit I.1 | U.S. State Rankings of Exports to the UAE (\$ in Billions)





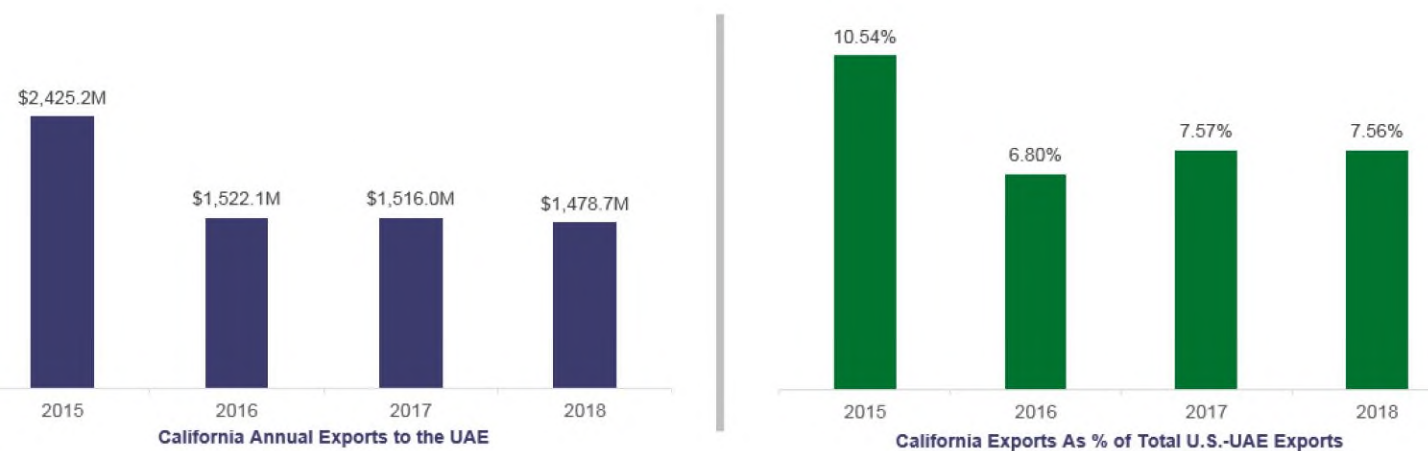
Trade & Commercial Office
www.uaetrade-usa.org

California Exports to the UAE

I

B Total value of exported goods in 2018 was the lowest in last four years but the percentage of total U.S. exports increased slightly compared to 2016

Exhibit I.2 | California Export Values and Percent of Total by Year



\$ in millions							
Rank	State	2015	2016	2017	2018	Trend Line	2015-2018
	All U.S. States	\$23,001.1	\$22,388.0	\$20,019.7	\$19,548.3		\$84,957.1
4	California	10.5% \$2,425.2	6.8% \$1,522.1	7.6% \$1,516.0	7.6% \$1,478.7		8.2% \$6,942.0
1	Washington	14.0% \$3,211.2	18.6% \$4,157.6	20.5% \$4,104.7	10.6% \$2,081.1		16.0% \$13,554.6
5	Florida	6.7% \$1,534.4	6.6% \$1,487.5	6.2% \$1,244.7	4.9% \$949.4		6.1% \$5,216.0
10	Ohio	2.2% \$499.8	3.7% \$830.2	3.0% \$608.6	3.5% \$686.5		3.1% \$2,625.1
20	Louisiana	1.1% \$256.2	2.1% \$474.8	1.1% \$218.1	1.2% \$233.0		1.4% \$1,182.1
30	Mississippi	1.0% \$232.7	0.3% \$59.3	0.3% \$51.9	0.7% \$138.9		0.6% \$482.8



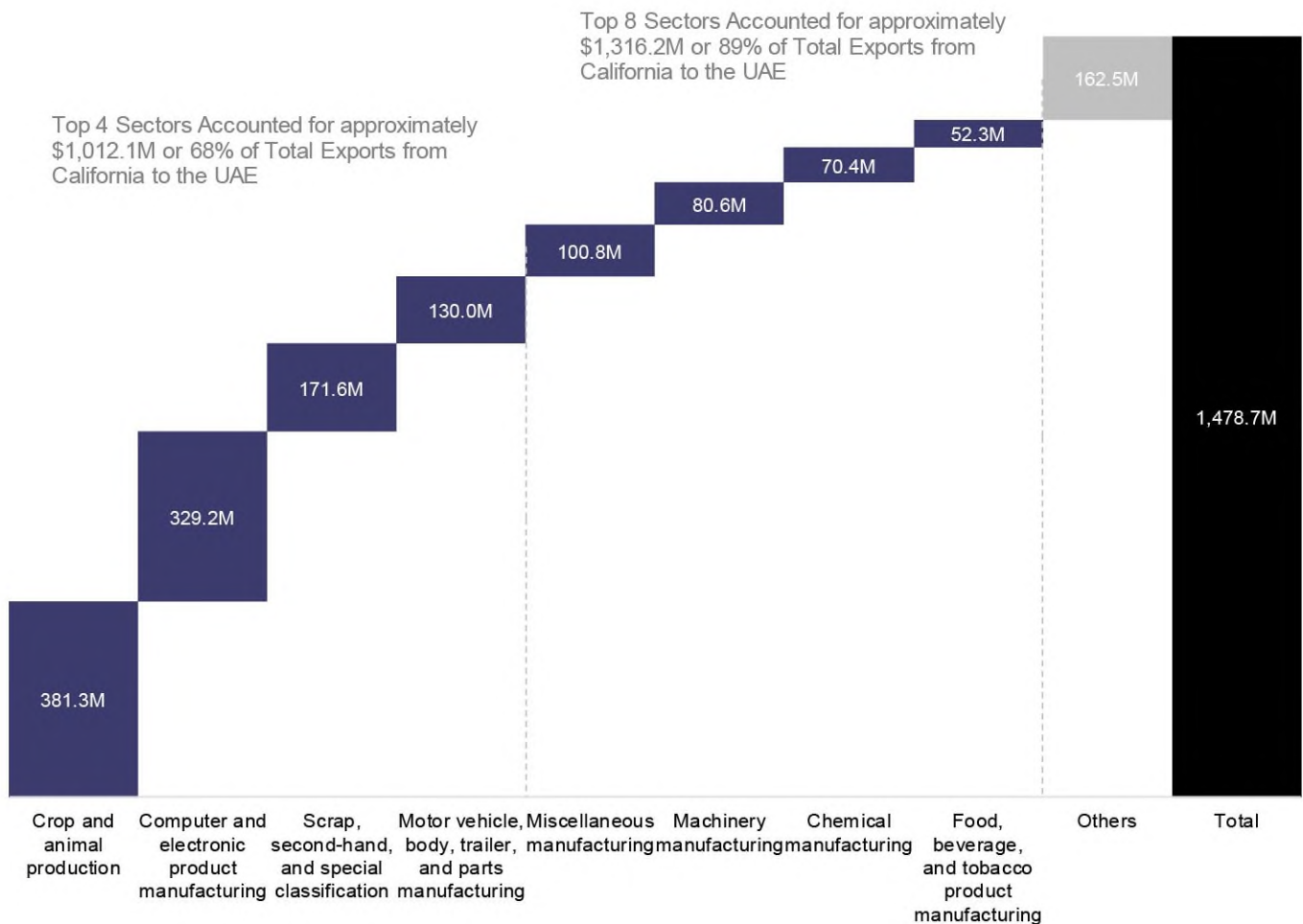
California Exports to the UAE

I



In 2018 *Crop and Animal Production* and *Computer and Electronic Product Manufacturing* were the largest exporting sectors

Exhibit I.3 | California's Exporting Sectors in 2018



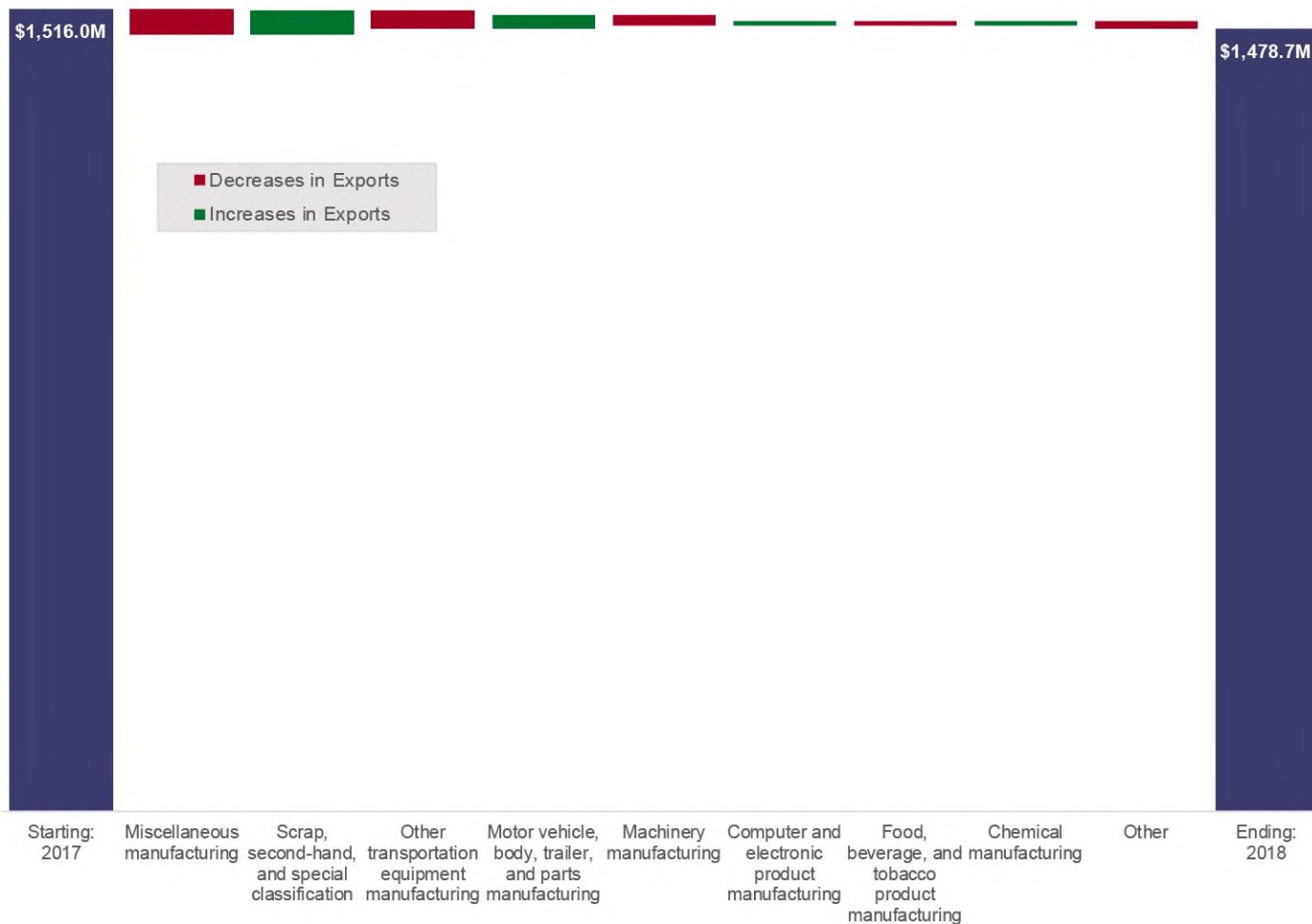


California Exports to the UAE

I

D From 2017 to 2018 *Scrap and Second-Hand Merchandise* sector had the largest increase in exports. The *Miscellaneous* sector had the largest decrease

Exhibit I.4 | California's Exporting Sector Movements From 2017 to 2018



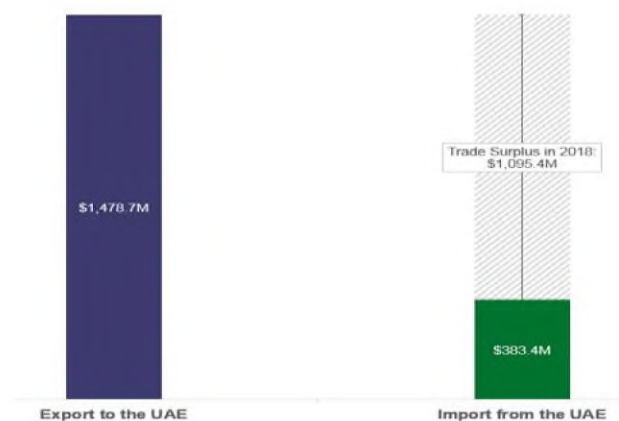


California Exports to the UAE

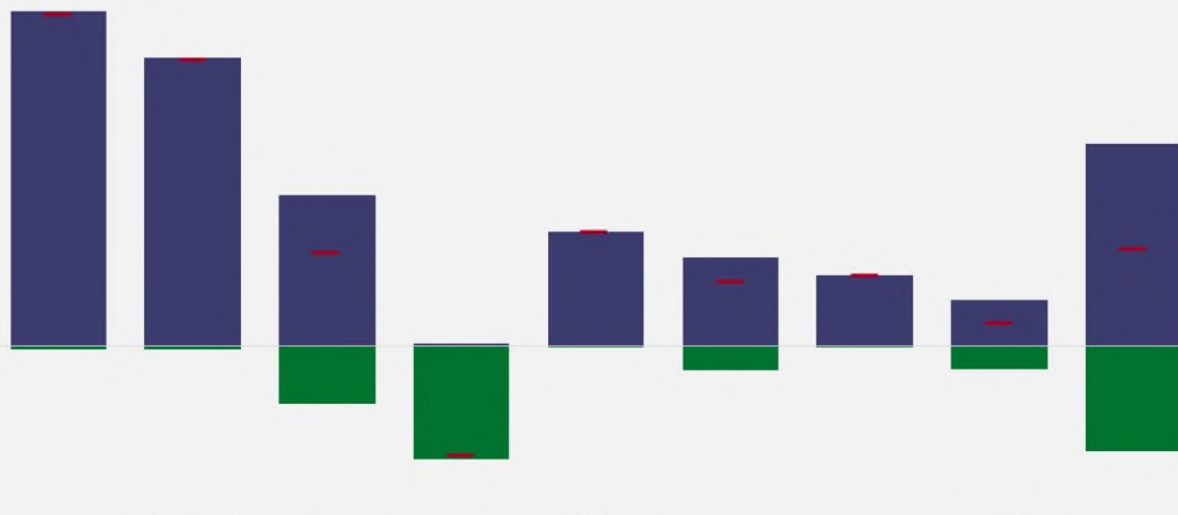
I

E California had a \$1.1B trade surplus with the UAE in 2018

Exhibit I.5 | California's Trade Surplus with the UAE by Sector



Trade Balance



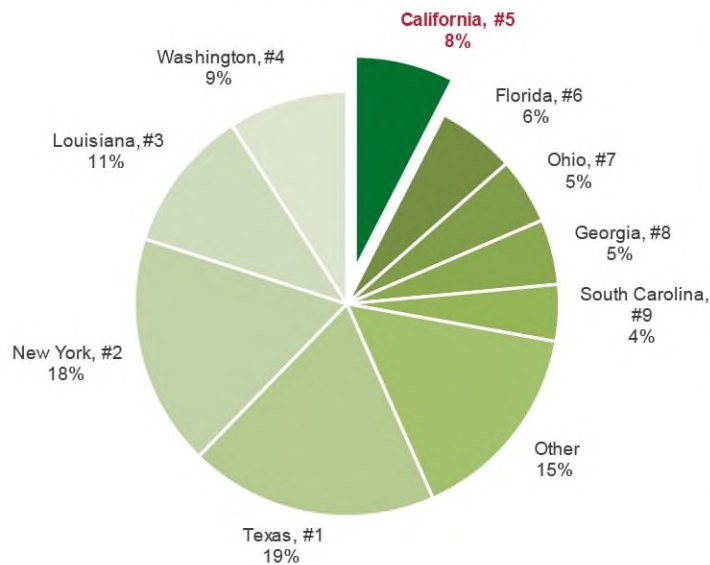
	Crop and animal production	Computer and electronic product manufacturing	Scrap, second-hand, and special classification	Primary metal manufacturing	Motor vehicle, body, trailer, and parts manufacturing	Miscellaneous manufacturing	Machinery manufacturing	Food, beverage, and tobacco product manufacturing	Other
Exports	\$381.3M	\$329.2M	\$171.6M	\$3.0M	\$130.0M	\$100.8M	\$80.6M	\$52.3M	\$230.0M
Imports	\$4.10M	\$3.96M	\$65.99M	\$129.91M	\$1.74M	\$27.99M	\$2.00M	\$27.03M	\$120.67M
Balance	\$377.2M	\$325.2M	\$105.6M	-\$126.9M	\$128.2M	\$72.8M	\$78.6M	\$25.3M	\$109.3M

California – 2018 UAE Bilateral Port Activity

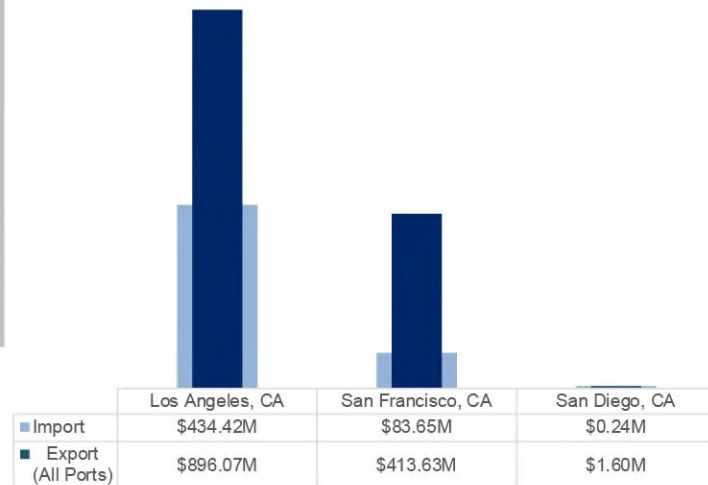
II

F California ports ranked 5th (8%) in combined total import and export activity among U.S. states and territories with ports of entry in 2018

Total U.S.-UAE Port Activity

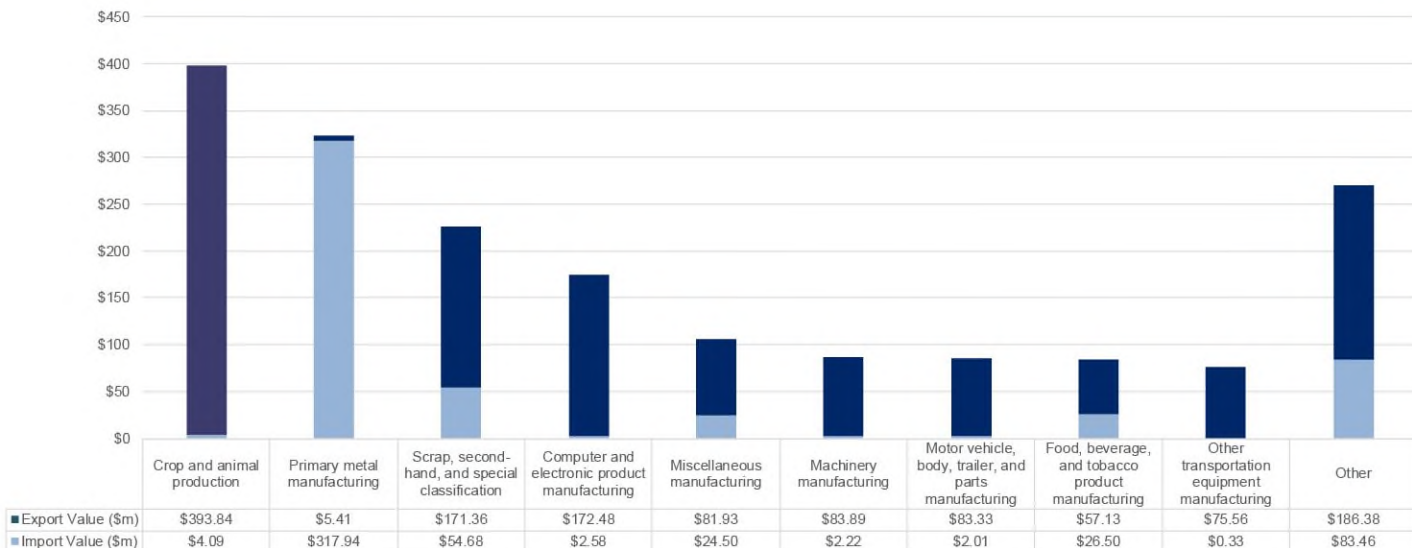


Port Activity by District
(District Includes All Ports of Entry)



28% Import
(All Ports)

72% Export
(All Ports)





California 2018 Employment Driven by Export to the UAE



Positive U.S. Employment Driven by Exports to the UAE in 2018

Jobs Created 0 27,035

143,620

Jobs Created



11,684 Jobs out of 143,620 Total Jobs Created in the U.S. by the UAE

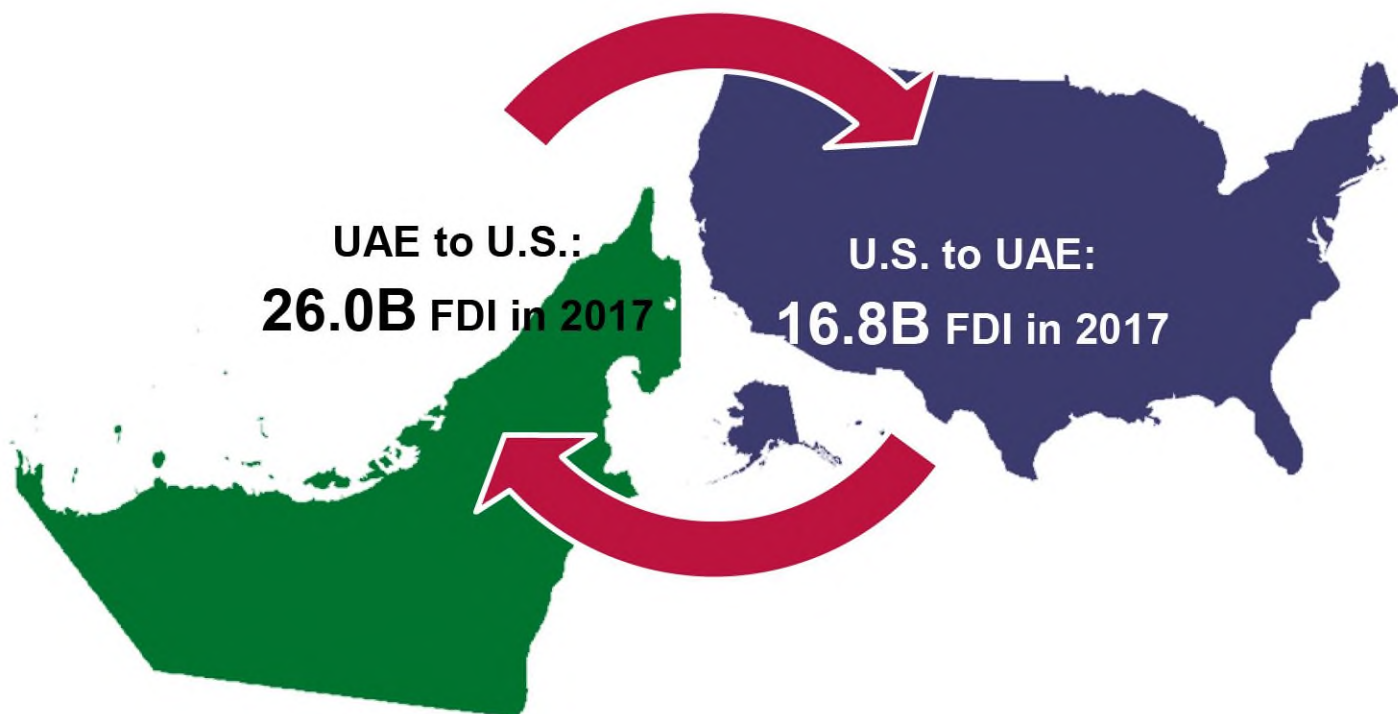
Employment Driven by California's Exports of Manufactured Goods to the UAE*	11,684	Other transportation equipment manufacturing	Computer and electronic product manufacturing	Chemical manufacturing	Fabricated metal product manufacturing	Machinery manufacturing
		297	2,601	556	141	637
		Electrical equipment and appliance manufacturing	Food, beverage, and tobacco product manufacturing	Miscellaneous manufacturing	Motor vehicle, body, trailer, and parts manufacturing	
		362	413	797	1,027	

* The sectors shown are the top ten U.S. manufacturing sectors exporting to the UAE in 2018.



Foreign Direct Investment

IV



A

\$26B2017 UAE total
FDI in U.S.

B

**Various
Sectors**Benefited from
UAE's greenfield
investments in
California since
2008

C

**Various
Sectors**Benefited from
California's greenfield
investments in the
UAE in 2018



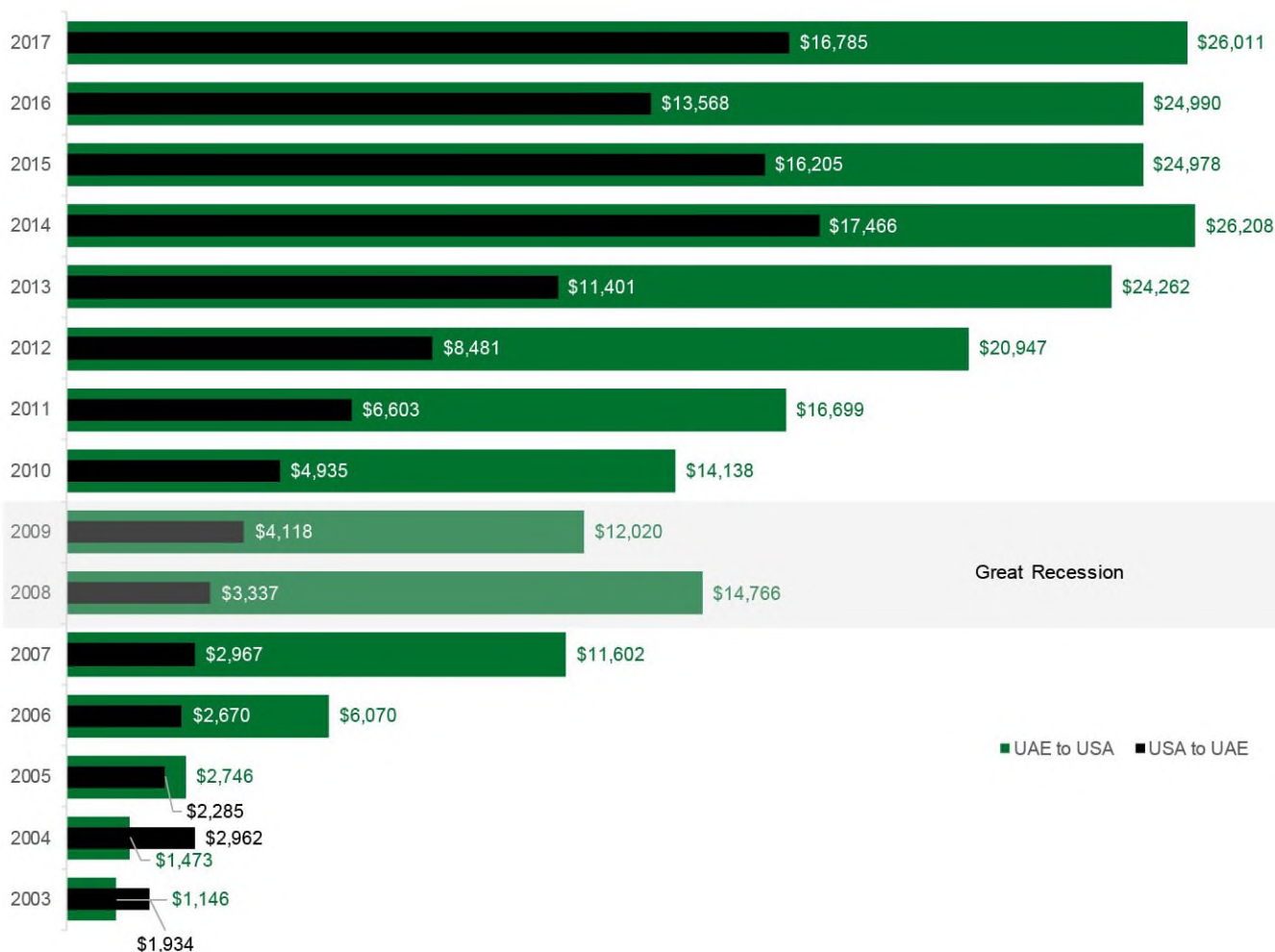
Bilateral FDI between the U.S. and UAE

IV

A

UAE made \$26B total investment in U.S. in 2017. Investments over the past four years remained level.

Exhibit IV.1 | Total UAE Investments by Year





UAE FDI in California

IV

B Since 2003 UAE expanded existing investments and made greenfield investments in California in a variety of sectors

Exhibit IV.2 | Certain UAE Investors in U.S. by Sector Since 2003

2018	<div>Transportation</div> <div>Dnata</div>	<div>Software & IT services</div> <div>tappit</div>
2017	<div>Financial services</div> <div>Mubadala Development</div>	
2015	<div>Financial services</div> <div>Delta Partners Group</div>	<div>Transportation</div> <div>GAC Group</div>
2011	<div>Hotels & Tourism</div> <div>Arabian Destinations Tours and Travels</div>	
2010	<div>Alternative/Renewable energy</div> <div>Rubenius</div>	
2009	<div>Communications</div> <div>du</div>	
2008	<div>Semiconductors</div> <div>Advanced Technology Investment Company (ATIC)</div>	

California 2018 Greenfield and Expanded FDI in the UAE

IV



Investments were made in various sectors in 2018.

Exhibit IV.3 | Certain California Investors in UAE by Sector in 2018

Sector	California Investing Entities to the UAE				
Food, Beverages & Tobacco	Crop One Holdings	Plenty			
ICT & Electronics	Quorum	Espeo Blockchain	Zoho (AdventNet)	HP Enterprise Services	Oracle
Transportation, Warehousing & Storage	Hyperloop Transportation Technologies (HTT)	Hyperloop One (Hyperloop Technologies)			
Life sciences	Align Technology	Inui Health			
Retail Trade	Apple Inc	American Rag Cie			
Financial Services	Ripple Labs				
Tourism	Airbnb				
Creative Industries	Headway (Headway Digital)				
Professional Services	NGS Global				



APPENDICES



Appendix A

V

California Top Export Commodities in 2018

California's Top Exporting Commodities to the UAE in 2018

This exhibit only displays commodities with annual export amounts exceeding \$5M

Sector	Top Commodity	Export Value
Crop and animal production	1113 Fruits & Tree Nuts	322.8M
	1119 Other Agricultural Products	39.1M
	1112 Vegetables & Melons	13.1M
	1129 Other Animals	5.3M
Computer and electronic product manufacturing	3342 Communications Equipment	154.5M
	3341 Computer Equipment	90.4M
	3345 Navigational/measuring/medical/control Instru	50.9M
	3346 Magnetic & Optical Media	13.2M
	3343 Audio & Video Equipment	12.7M
Scrap, second-hand, and special classification	9300 Used Or Second-hand Merchandise	158.8M
	9900 Other Special Classification Provisions	8.4M
	9100 Waste And Scrap	
Motor vehicle, body, trailer, and parts manufactu	3361 Motor Vehicles	84.7M
	3363 Motor Vehicle Parts	35.2M
	3362 Motor Vehicle Bodies & Trailers	10.1M
Miscellaneous manufacturing	3399 Miscellaneous Manufactured Commodities	89.2M
	3391 Medical Equipment & Supplies	11.6M
Machinery manufacturing	3339 Other General Purpose Machinery	50.7M
	3331 Ag & Construction & Machinery	10.8M
	3333 Commercial & Service Industry Machinery	9.0M
	3336 Engines, Turbines & Power Transmsn Equip	7.1M
	3334 Hvac & Commercial Refrigeration Equipment	
	3256 Soaps, Cleaning Compounds & Toilet Prepara	38.1M
Chemical manufacturing	3254 Pharmaceuticals & Medicines	17.5M
	3251 Basic Chemicals	5.7M
	3255 Paints, Coatings & Adhesives	
	3259 Other Chemical Products & Preparations	
	3115 Dairy Products	18.1M
Food, beverage, and tobacco product manufact	3114 Fruits & Veg Preserves & Specialty Foods	10.1M
	3119 Foods, Nesoi	8.5M
	3121 Beverages	
	3112 Grain & Oilseed Milling Products	
	3359 Electrical Equipment & Components, Nesoi	16.4M
Electrical equipment and appliance manufacturi	3353 Electrical Equipment	12.6M
	3352 Household Appliances And Misc Machines, Ne	8.9M
	3351 Electric Lighting Equipment	7.9M
Other transportation equipment manufacturing	3364 Aerospace Products & Parts	35.2M
	3369 Transportation Equipment, Nesoi	
	3366 Ships & Boats	

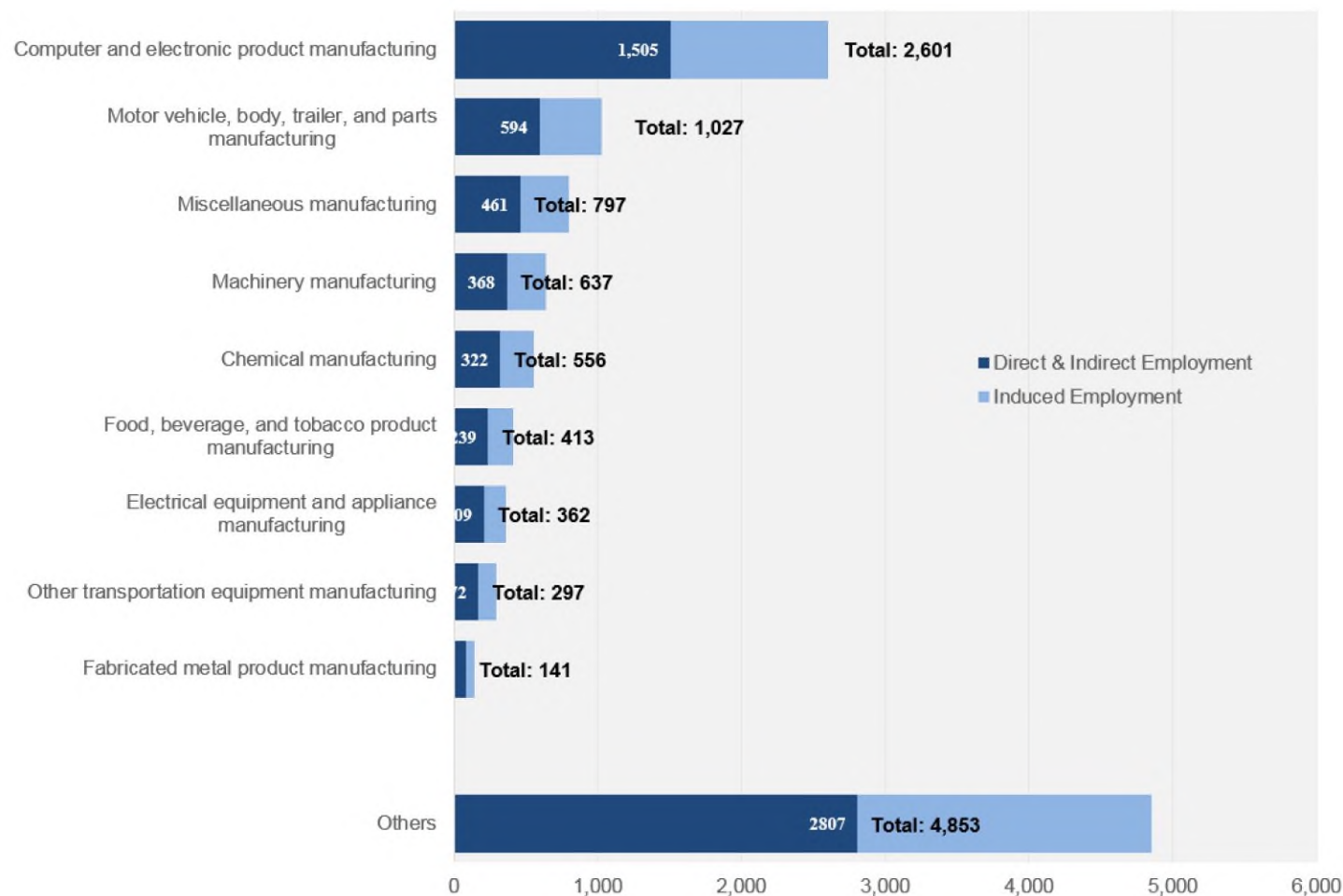
Note: Due to space constraints, some data bars are fitted to the page and not to scale.

Appendix B

V

California Employment Driven by Top Ten UAE Export Sectors in 2018

Employment Driven by Top 10 UAE-Exporting Sectors in California in 2018



These materials are being distributed by UAE Strategies on behalf of the Embassy of the United Arab Emirates in Washington DC. Additional information is on file with the US Department of Justice, Washington DC.

US-UAE Security Relationship

The UAE and the United States share a common resolve to preserve security and counter aggression in the Arabian Gulf and throughout the Middle East. The two countries work closely together to meet collective security challenges, such as fighting ISIS, Al Qaeda and other extremists; confronting Iranian aggression; increasing regional stability; and protecting critical shipping lanes.

Military Assistance and Cooperation

The UAE is only one of three countries and the only Arab nation to participate with the US in six military coalition actions over the last 25 years. The UAE has deployed forces and/or provided assistance in:

1990 Gulf War: The UAE was one of the first countries to support the United States at the advent of the war.

Somalia: In 1992 the UAE joined other countries, led by the US Central Command, to secure the environment and provide humanitarian relief. The UAE continues to fight piracy and help to stabilize Somalia.

Bosnia-Kosovo: The UAE was among the first non-NATO states to express support for NATO's air operations. The UAE participated in peacekeeping operations, and provided humanitarian assistance during and after the conflict.

Afghanistan: UAE special forces fought alongside US soldiers for more than 12 years.

Libya: The UAE has coordinated with US and international partner forces on countering extremists and has provided humanitarian assistance to the Libyan people.

Fight Against ISIS: Committed to combating Islamic extremism in all of its forms, the UAE is participating in a multinational mission with the US and other partners to confront ISIS in Syria and Iraq. In addition, since 2011, the UAE has provided more than **\$750 million in aid** to Syrian refugees.

UAE Counterterrorism Operations in Yemen

As part of its efforts to counter extremism and ensure stability throughout the region, the UAE is working to counter Al Qaeda in the Arabian Peninsula (AQAP) and prevent extremist control of territory in Yemen.

In Spring 2016, the UAE led a Coalition operation to drive Al Qaeda in the Arabian Peninsula out of the Yemeni port city of Mukalla, where AQAP was making \$2 million a day through taxes, smuggling, and extortion. The operation put AQAP on the run and killed more than 450 AQAP fighters.

The UAE military is also undertaking operations and training Yemeni forces to counter ISIS activity in Yemen and prevent the group from further extending its reach.

In addition to military operations, the UAE and the Coalition have given humanitarian aid to provide for the basic needs of the Yemeni people and reestablish critical infrastructure. To date, the UAE has provided more than \$2 billion in humanitarian assistance to Yemen, including a new commitment of \$100 million to UN-led efforts in the country.

In support of the two countries' cooperation on regional security, the UAE and US militaries are aligned at the tactical level, and regularly collaborate on joint-training missions.

The UAE provides critical logistics support for US Navy fleet operations and supports US Air Force operations by assisting with logistics at facilities in the UAE.

The UAE is home to the Joint Air Warfare Center and hosts joint training exercises with US forces.

Each spring, the UAE stages the Advanced Tactical Leadership Course (ATLC), a multinational training exercise for air-to-air combat training.

UAE pilots participate annually in the Red/Green Flag exercises at Nellis Air Force Base in Nevada. The UAE Air Force's first ever participation in Red Flag was captured in a documentary called Desert Falcons, which tracked a squadron of Emirati F-16 pilots and support crew as they prepared for the challenging exercise.

The UAE also participates in the Nimble Titan global exercises, an unclassified experiment to examine potential scenarios involving ballistic missile threats.

The Center for Integrated Air and Missile Defense provides trainings that enhance capabilities and improve cooperation between UAE and US pilots.

In addition, the UAE is the world's second largest purchaser of US arms and defense equipment. Military equipment sales support American jobs and contribute to US national security interests by strengthening an important alliance.

The UAE has received Patriot Systems from the US, and is receiving THAAD (Terminal High Altitude Area Defense) Systems. Corresponding trainings are underway to prepare UAE personnel for using these systems.

The UAE Air Force is the first export customer for the General Atomics Predator XP surveillance and reconnaissance drone.

In February 2015, Raytheon announced that it had agreed to provide the UAE with Talon laser-guided rockets for its armored vehicles.

US-based IOMAX is providing the UAE with 24 Archangel Border Patrol Aircraft; deliveries began in June 2015 and the planes are being delivered steadily on a monthly basis until the order is filled. The aircraft offer strike, intelligence, surveillance, and reconnaissance capabilities.

In December 2015, Lockheed Martin was awarded a \$28.6 million contract to provide 12 High Mobility Artillery Rocket Systems to the UAE. And in May 2015, Lockheed received a \$174 million foreign military sales contract for Army Tactical Missile System (ATACMS) for both the US Army and the UAE.

In July 2016, the US Department of State approved a [possible \\$785 million](#) foreign military sale to the UAE for precision-guided munitions, sustainment, and support to assist in ongoing operations in the fight against ISIS.

Countering Violent Extremism

Beyond the battlefield, the UAE and US are committed partners in stopping terrorist activities and countering extremist ideologies. Working together, the two countries have taken forceful action to block the flow of funds and foreign fighters. Under the UAE government's cybercrime law, the UAE

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Key Areas of Bilateral Cooperation | UAE Embassy in Washington, DC

criminalizes the use of the internet by terrorist groups to “promote their ideologies and finance their activities.”

The UAE has taken the lead in setting up the Hedayah Center in Abu Dhabi. Hedayah was created in response to the growing desire from Global Counter-Terrorism Forum members and the wider international community for the establishment of an independent, multilateral center devoted to training, dialogue, collaboration, and research. It is a center for excellence in countering violent extremism that equips communities and governments with the tools to counter violent extremism and terrorist recruitment. It recently announced the establishment of a Washington, DC office to expand bilateral efforts.

Another initiative is the Sawab Center, established by the UAE and the US in July 2015. Since its launch in July 2015, the Sawab Center has contested Daesh’s online presence by responding directly to its propaganda through immediate reactive messaging as well as proactive campaigns and other content that exposes Daesh’s true nature, highlights the successes of the Global Coalition, amplifies regional voices of moderation, and offers an alternative, positive vision that underscores the true values and diversity of Islam.

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